



**1** AERIAL PHOTOGRAPH  
PLOT NOT TO SCALE

**LOT COVERAGE**

18,480 SF TOTAL FOR PARCEL NO. 117-02-2410

|                                |                 |
|--------------------------------|-----------------|
| <b>BUILDING AREAS:</b>         |                 |
| CURRENT ZONE: H-3              |                 |
| EXISTING RESIDENCE             |                 |
| LIVING AREA:                   | 2,273 sf        |
| PROPOSED ADDITION              |                 |
| LIVING AREA:                   | 538 sf          |
| S. PORCH:                      | 532 sf          |
| N. PORCH:                      | 227 sf          |
| RAMADA:                        | 240 sf          |
| EXISTING GARAGE / GUEST HOUSE: |                 |
| LIVING AREA:                   | 510 sf          |
| GARAGE:                        | 440 sf          |
|                                | <u>4,760 sf</u> |

|                      |                 |
|----------------------|-----------------|
| <b>COVERAGE</b>      |                 |
| PROPOSED BLDG TOTAL: | 4,760 sf        |
| VEHICULAR USE AREA:  | <u>3,127 sf</u> |

TOTAL PROPOSED COV'G 7,887 sf  
43% LOT COVERAGE

ALLOWABLE LOT COVERAGE:  
70% of 18,480 sf = 12,936 sf  
ACTUAL LOT COVERAGE:  
= 7,887 sf.

**OWNER:**

ANDY & ANDREA PONGRATZ  
**PROJECT ADDRESS:**  
 903 NORTH 5TH AVENUE  
 TUCSON, AZ. 85705  
**IRC CODE SUMMARY:**  
 OCCUPANCY TYPE: R3 -SINGLE FAMILY RESIDENCE  
**CONSTRUCTION TYPE:** 5B  
 ALLOWABLE AREA: UL  
**LEGAL DISCRPTION:**  
 PARCEL NO. 117-02-2410  
 LOT 12 & S. 32' of LOT 9 (235 E. 2nd St)  
 BLOCK 18  
 TUCSON, AZ M/P : ¼  
 USE CODE: 0131 (SFR GRAD:E 1-3 URBAN SUBDIVIDED)

**ZONING DATA**

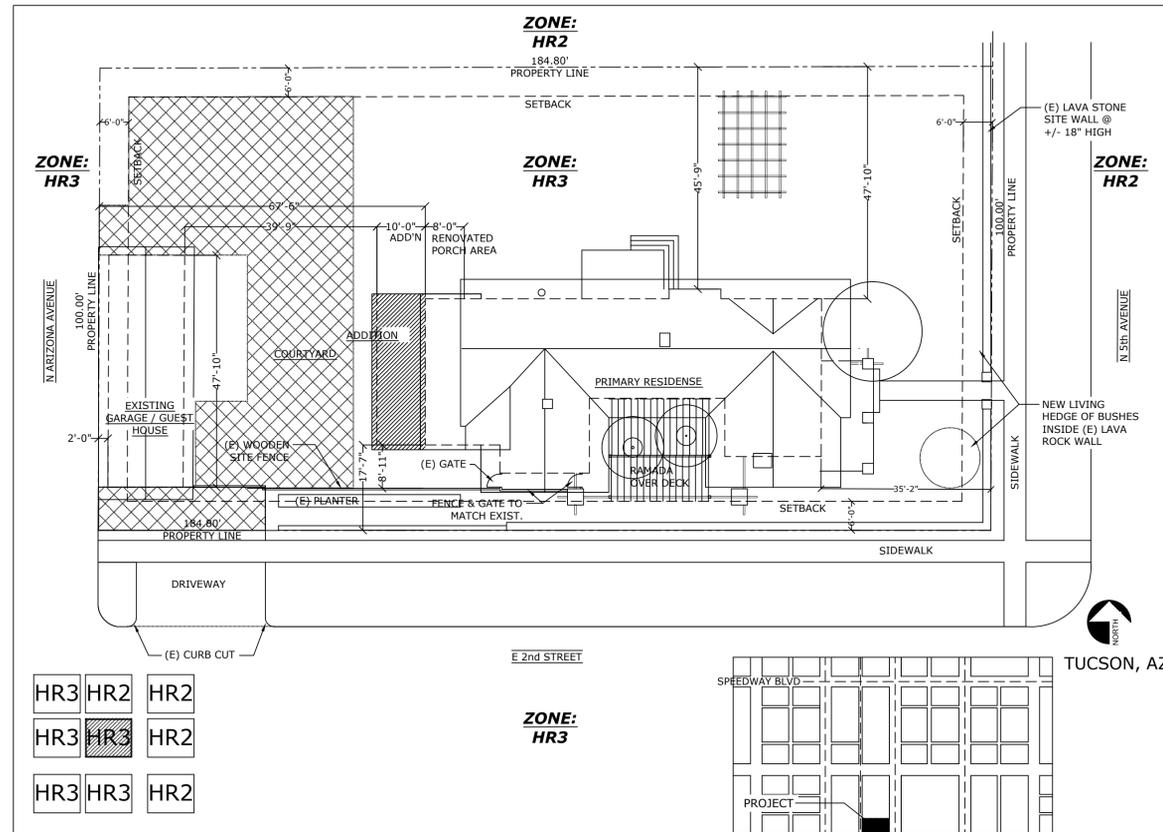
|                | CRITERIA (ALLOWED)  | PROPOSED  |
|----------------|---|---|
| SITE AREA      | 0 MIN   | 6,750 ACTUAL  |
| LOT COVERAGE   | N/A   | 1,674 / 16,750 = 22% ACTUAL   |
| BUILDING HT    | 25'   | NO CHANGE TO (E) HOUSE  |
| PERIMETER YARD | STREET: 20'<br>R TO R ZONING: 6' or 2/3H<br>R TO non R: N/A | 34'-3" E 5TH STREET (NORTH)<br>6'-0" WEST<br>11'-10" N SAWTELLE AVE (EAST)<br>122'-9" ALLEY (SOUTH) |

**SCOPE OF WORK:**

SCOPE OF WORK CONSISTS OF AN ADDITION & RENOVATION OF AN EXISTING SINGLE FAMILY RESIDENCE, INCLUDING OUTSIDE DECKS ON SOUTH & NORTH SIDES OF HOUSE, AND, NEW RAMADA

**CODES & ORDINANACES:**

ALL WORK SHALL CONFORM WITH:  
 - 2018 INTERNATIONAL RESIDENTIAL CODE (IRC)  
 - LOCAL AMENDMENTS TO THE 2018 IRC  
 - CITY OF TUCSON ADOPTED DESIGN ORDINANCES



**2** LOCATION MAP  
NOT TO SCALE

**GOVERNING CODES:**

ZONING CODE (CITY OF TUCSON UNIFIED DEVELOPMENT CODE)  
 2018 INTERNATIONAL BUILDING CODE, w/ AMENDMENTS  
 2018 NATIONAL ELECTRICAL CODE, w/ AMENDMENTS  
 2018 INTERNATIONAL RESIDENTIAL CODE, w/ AMENDMENTS  
 2018 INTERNATIONAL ENERGY CONSERVATION CODE, w/ AMENDMENTS  
 2018 INTERNATIONAL MECHANICAL CODE, w/ AMENDMENTS  
 2018 INTERNATIONAL PLUMBING CODE, w/ AMENDMENTS  
 2018 INTERNATIONAL FUEL GAS CODE, w/ AMENDMENTS  
 2018 INTERNATIONAL EXISTING BUILDING CODE, w/ AMENDMENTS  
 2018 INTERNATIONAL PROPERTY MAINTENANCE CODE, w/ AMENDMENTS  
 2018 INTERNATIONAL WILDLAND-URBAN INTERFACE CODE, w/ AMENDMENTS  
 2018 NATIONAL ELECTRICAL CODE, w/ AMENDMENTS  
 2018 OUTDOOR COT/COUNTY LIGHTING CODE, w/ AMENDMENTS  
 2018 INCLUSIVE HOME DESIGN, w/ AMENDMENTS

**DRAWING INDEX:**

- A0.1 COVER SHEET
- A0.2 SITE PLAN
- A1.0 EXISTING / DEMOLITION PLAN
- A1.1 PROPOSED FLOOR PLAN
- A1.2 ROOF PLAN
- A2.0 BASEMENT, ADDITION FTG/FNDN PLAN
- A2.1 BASEMENT FRAMING PLAN
- A2.2 MAIN FLOOR FRAMING PLAN
- A2.3 ADDITION ROOF FRAMING PLAN
- A2.4 ENLARGED ADDITION PLAN
- A3.0 BASEMENT FRAMING DETAILS
- A3.1 FIRST FLOOR FRAMING DETAILS
- A3.2 FIRST FLOOR FRAMING DETAILS
- A3.3 ADDITION FRAMING DETAILS
- A4.0 SOUTH PORCH FRAMING PLANS & DETAILS
- A4.1 NORTH PORCH FRAMING PLANS & DETAILS
- A5.0 BASEMENT STAIR DETAILS
- A6.0 EXTERIOR ELEVATIONS
- A6.1 EXTERIOR ELEVATIONS
- A6.2 GUEST HOUSE / GARAGE ELEVATIONS
- E1.0 ELECTRICAL PLAN
- S1.0 STRUCTURAL NOTES
- S1.1 STRUCTURAL NOTES
- S1.2 STRUCTURAL NOTES

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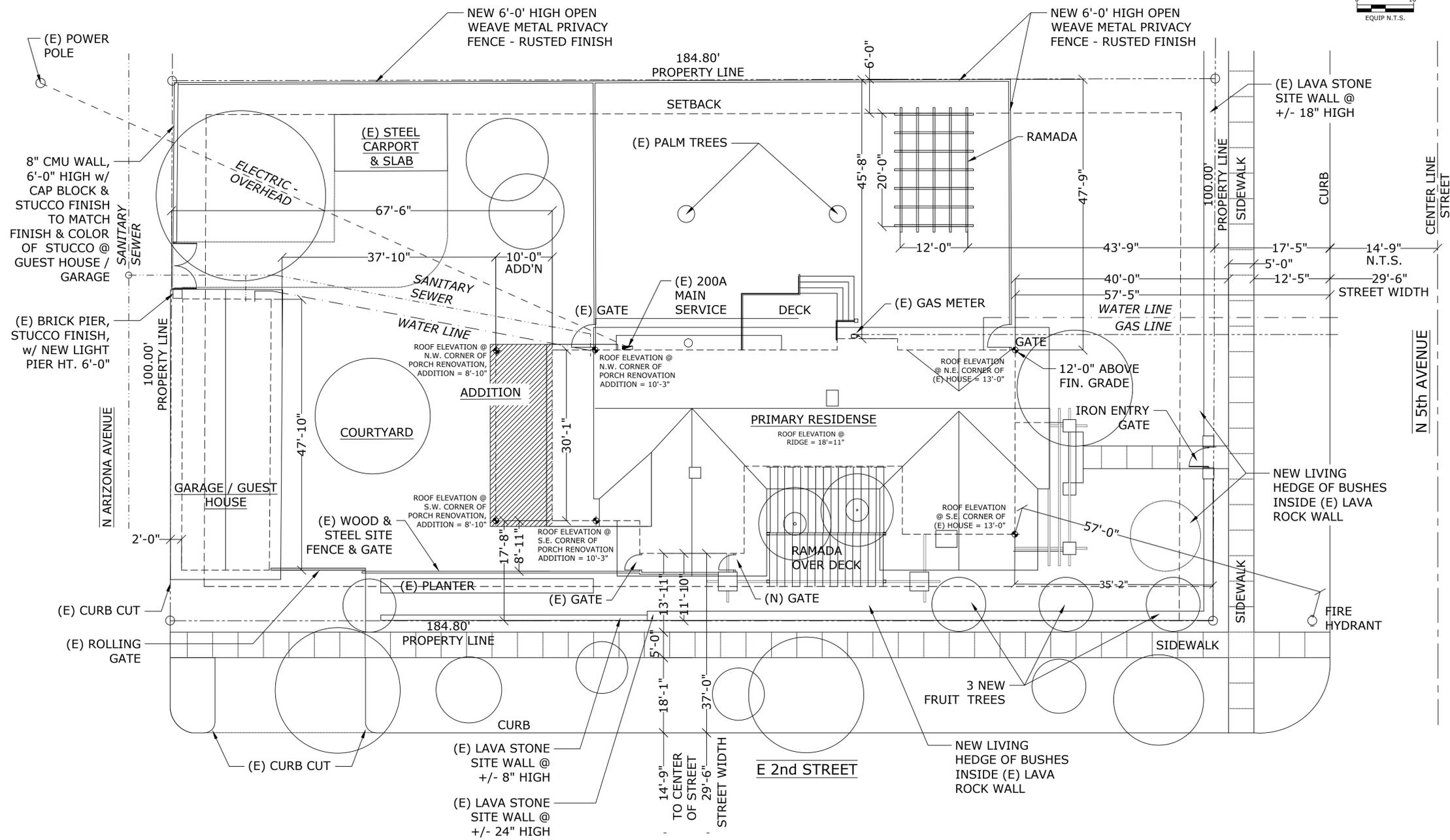
**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
 903 N 5th AVENUE - TUCSON, AZ 85705

**COVER SHEET**

| REV. | DESCRIPTION | DATE |
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|      |             |      |
|      |             |      |

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1 SITE PLAN  
1"=10'-0"

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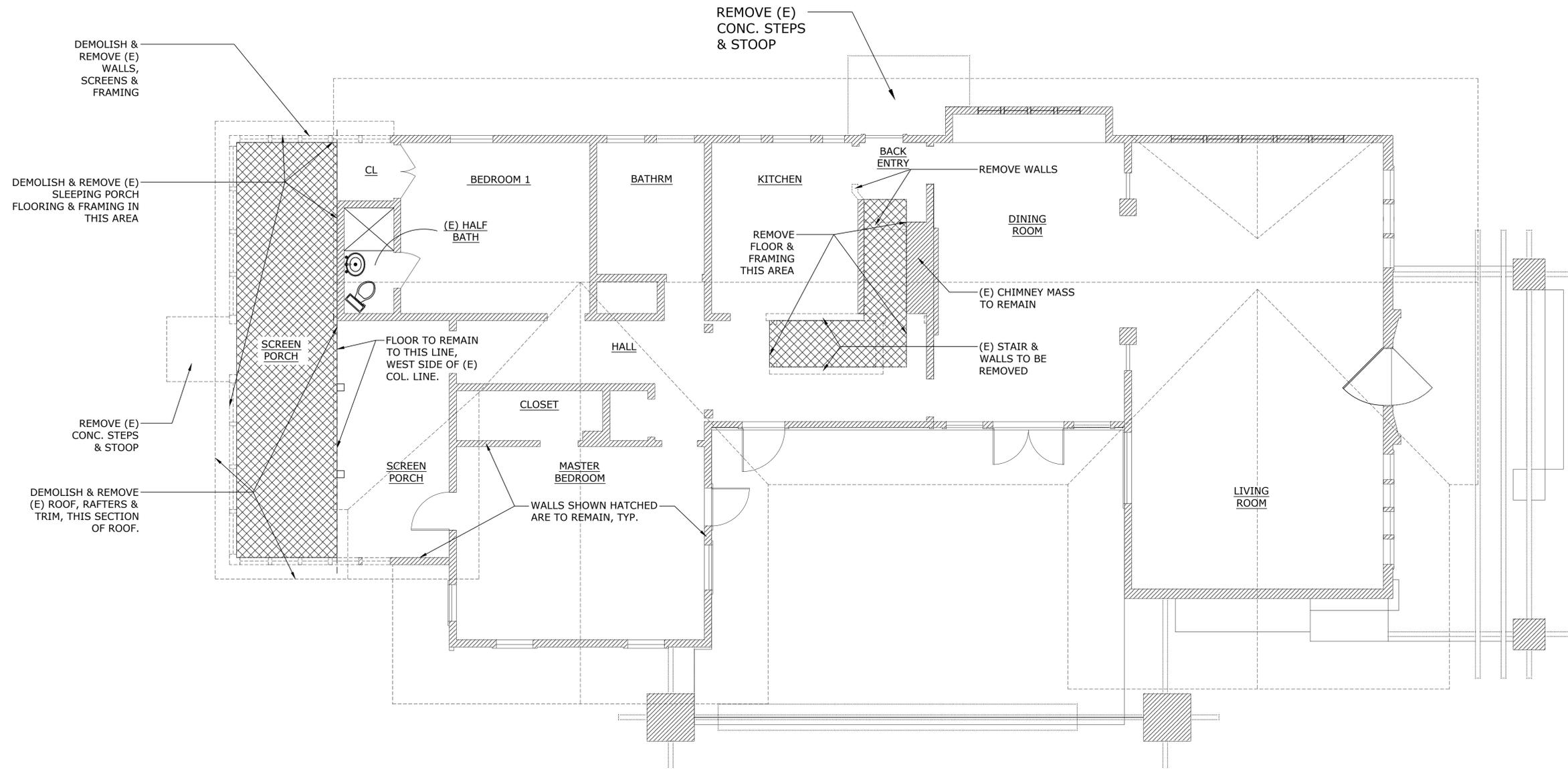
**PONGRATZ RESIDENCE  
RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705

**SITE PLAN**

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**1 EXISTING FLOOR PLAN / DEMOLITION**  
SCALE: 1/4"=1'-0"

INDICATES WALLS TO REMAIN

NOTE:  
ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES & ELECTRIC COMPANY (T.E.P.) REQUIREMENTS.

DEMOLITION GENERAL NOTES :

1. PROVIDE TEMPORARY BARRIERS AND SECURITY DEVICES AS REQ'D PRIOR TO START OF THE WORK.
2. MARK ALL UNDERGROUND UTILITIES FOR FUTURE REFERENCE WITH APPROVED DEVICES.
3. PROTECT ALL EXISTING ITEMS TO REMAIN, PROVIDE TEMPORARY BRACING AS REQUIRED.
4. CEASE OPERATIONS IMMEDIATELY WHEN BUILDING STRUCTURES APPEAR TO BE IN DANGER AND NOTIFY THE ARCHITECT.
5. REMOVE DEMOLITION MATERIALS FROM SITE AND LEAVE AREAS OF WORK IN A CLEAN CONDITION.
6. ALL MECHANICAL, ELECTRICAL, OR PLUMBING SYSTEMS TO REMAIN SHALL BE CHECKED FOR OPERATION CONDITION AND SHALL BE IMMEDIATELY REPORTED TO THE OWNER w/ CORRECTIVE MEASURE RECOMMENDATIONS.

DEMOLITION GENERAL NOTES , cont :

7. REMOVE KITCHEN CABINETRY (BATHROOM CABINETS TO REMAIN), APPLIANCE AND PLUMBING FIXTURES.
8. PATCH, REPAIR, REPLACE ANY DAMAGED OR NON-COMPLIANT CONSTRUCTION. PROVIDE 1/2" GYP BRD AT WALLS & 1/2" SAG RESISTANCE GYP BD AT CEILING.

PLUMBING :

1. ALL PLUMBING FIXTURES IN THE DESIGNATED AREAS SHALL BE SALVAGED IN A SPACE DESIGNATED BY OWNER.
2. ANY PLUMBING FIXTURES TO BE PERMANENTLY REMOVED SHALL HAVE THE SERVICE AND WASTE LINES CAPPED OFF AT A POINT ABOVE THE CEILING OR AT FINISH FLOOR ELEVATION. SAID CAPPED OFF POINTS SHALL BE MARKED FOR FUTURE REFERENCE.
3. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF UNDERGROUND PLUMBING AND PROVIDE THE ARCHITECT WITH SKETCHES INDICATING AS-BUILT CONDITIONS FOR THE PROPOSED SCOPE OF WORK VERIFICATION & REVIEW

ELECTRICAL :

1. ALL ELECTRICAL FIXTURES TO BE REMOVED PER OWNER SELECTION
2. ALL ELECTRICAL WIRING, BREAKERS, ETC. TO BE INSPECTED FOR PROPER INSTALLATION AND IN WORKING ORDER AND BE REPLACED AS NEEDED.
3. REMOVE ALL ELECTRICAL IN WALLS AND AREAS OF DEMOLITION. SEE ELECTRICAL & LIGHTING PLANS FOR FIXTURE TYPES AND PLACEMENT.

MECHANICAL :

1. MECHANICAL DUCTWORK SHALL BE INSPECTED AND REFURBISHED WHERE POSSIBLE. REPLACE WHERE NEEDED TO MEET CURRENT CODE REQUIREMENTS.
2. A.C. UNIT SHALL BE INSPECTED FOR FUNCTIONALITY & IF REPLACED, AS-BUILT DRAWINGS AND SUPPLY CALCULATIONS PROVIDED BY INSTALLER.

GENERAL NOTES :

1. CONTRACTOR(S) TO PROVIDE SAMPLES / CUT SHEETS FOR ALL FINISHES, FLOORING, ELECTRICAL / PLUMBING FIXTURES FOR REVIEW & APPROVAL BY OWNER AND INSTALLATION BY CONTRACTOR(S).
2. PATCH, REPAIR, REPLACE ANY DAMAGED OR NON-COMPLIANT CONSTRUCTION. PROVIDE 1/2" GWB AT WALLS & 1/2" SAG RESISTANCE GWB AT CEILING.

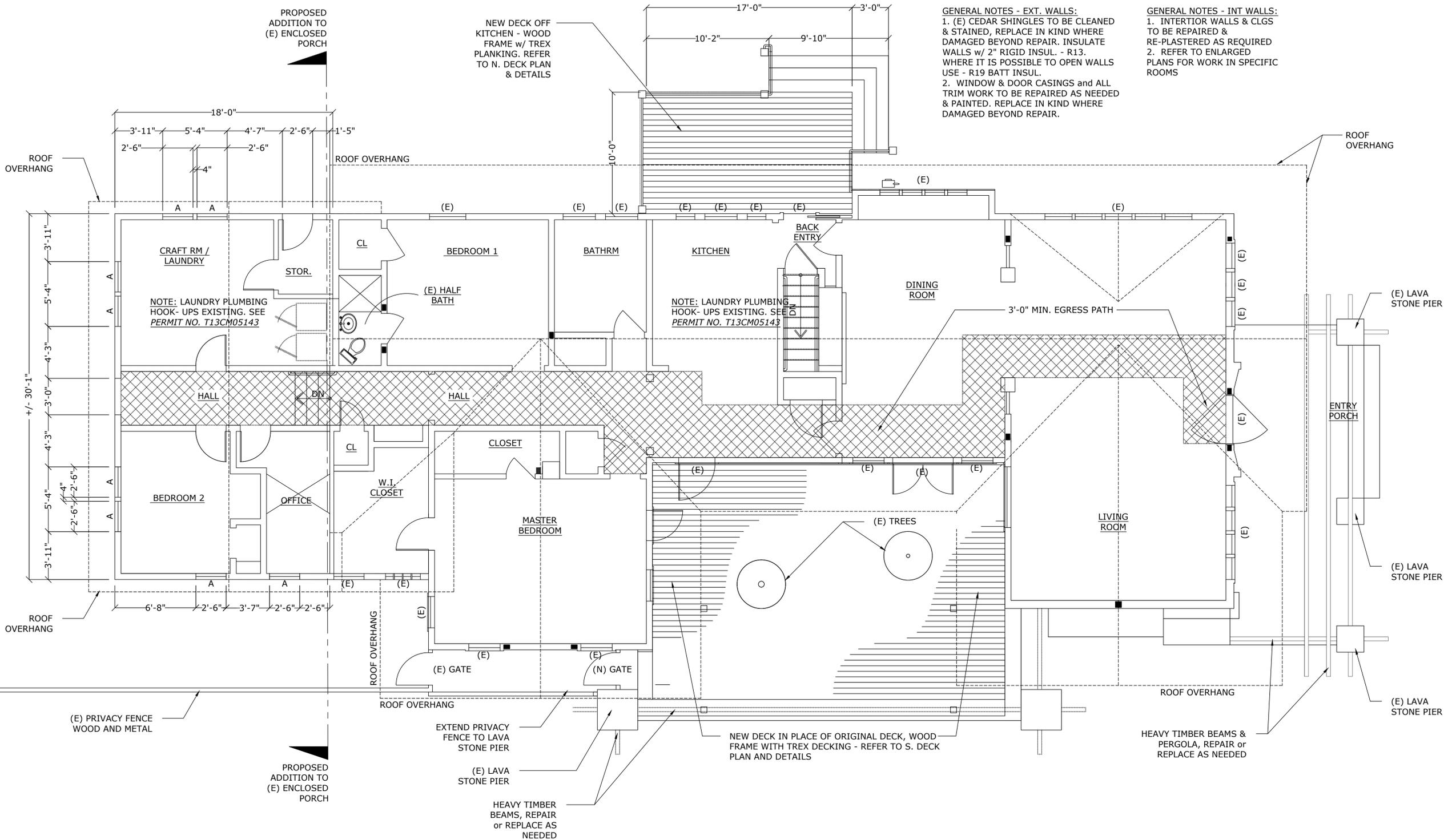
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**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**DEMOLITION FLOOR PLAN**

| REV. | DESCRIPTION | DATE |
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**GENERAL NOTES - EXT. WALLS:**  
 1. (E) CEDAR SHINGLES TO BE CLEANED & STAINED, REPLACE IN KIND WHERE DAMAGED BEYOND REPAIR. INSULATE WALLS w/ 2" RIGID INSUL. - R13. WHERE IT IS POSSIBLE TO OPEN WALLS USE - R19 BATT INSUL.  
 2. WINDOW & DOOR CASINGS and ALL TRIM WORK TO BE REPAIRED AS NEEDED & PAINTED. REPLACE IN KIND WHERE DAMAGED BEYOND REPAIR.

**GENERAL NOTES - INT WALLS:**  
 1. INTERIOR WALLS & CLGS TO BE REPAIRED & RE-PLASTERED AS REQUIRED  
 2. REFER TO ENLARGED PLANS FOR WORK IN SPECIFIC ROOMS

**1 EXISTING FLOOR PLAN & ADDITION PLAN** N  
 SCALE: 1/4" = 1'-0"

**FIXTURES**

| FIXTURE                   | QUANTITY | SUPPLY F.U. | WASTE F.U.  |
|---------------------------|----------|-------------|-------------|
| <b>EXISTING FIXTURES:</b> |          |             |             |
| W.C.                      | 2        | 4.4         | 6.0         |
| LAVATORY                  | 2        | 1.4         | 2.0         |
| SHOWER / TUB              | 2        | 7.2         | 4.0         |
| KITCHEN SINK              | 1        | 1.4         | 2.0         |
| DISHWASHER                | 1        | 1.4         | 2.0         |
| LAUNDRY                   | 1        | 2.5         | 3.0         |
| <b>EXIST. TOTAL:</b>      |          | <b>18.3</b> | <b>19.0</b> |

**BRANCH SIZING**

| SIZE   | F.U. |
|--------|------|
| 1/2"   | 2    |
| 3/4"   | 8    |
| 1"     | 20   |
| 1 1/4" | 39   |
| 1 1/2" | 78   |

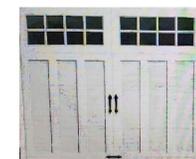
\*\*FIXTURE UNIT TOTAL REMAINS UNCHANGED. EXISTING BRANCH SIZING IS 1" INTERIOR & 1" EXTERIOR MAIN LINE. THEREFORE EXISTING BRANCH SIZINGS ARE ADEQUATE FOR EXISTING FIXTURES AS NOTED.

**WINDOW SCHEDULE**

| KEY | WNDW TYPE   | SIZE              | CL OPEN'G         | UNIT NO.     | MAT'L    | DBL GL - ARGON | U FACTOR                |
|-----|-------------|-------------------|-------------------|--------------|----------|----------------|-------------------------|
| (A) | SINGLE HUNG | 29 1/2" x 59 1/2" | 26 5/8" W x 27" H | A250 1520 SH | ALUMINUM | DBL GL - ARGON | .32, SHGC: .23, VT: .53 |
| (B) |             |                   |                   |              |          |                |                         |
| (C) |             |                   |                   |              |          |                |                         |



STEEL SECURITY DOOR: "WOODGUARD STEEL SECURITY DOOR" PRECISION SCREEN & SECURITY PRODUCTS SERIES 3809-1



GARAGE DOOR: "COACHMAN COLLECTION" Model No. CXU13\_SW\_SQ24 8'-0" x 7'-0" 18.4 R-Value White w/ SQ24 Window

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**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
 903 N 5th AVENUE - TUCSON, AZ 85705  
**ADDITION & PROPOSED FLOOR PLAN**

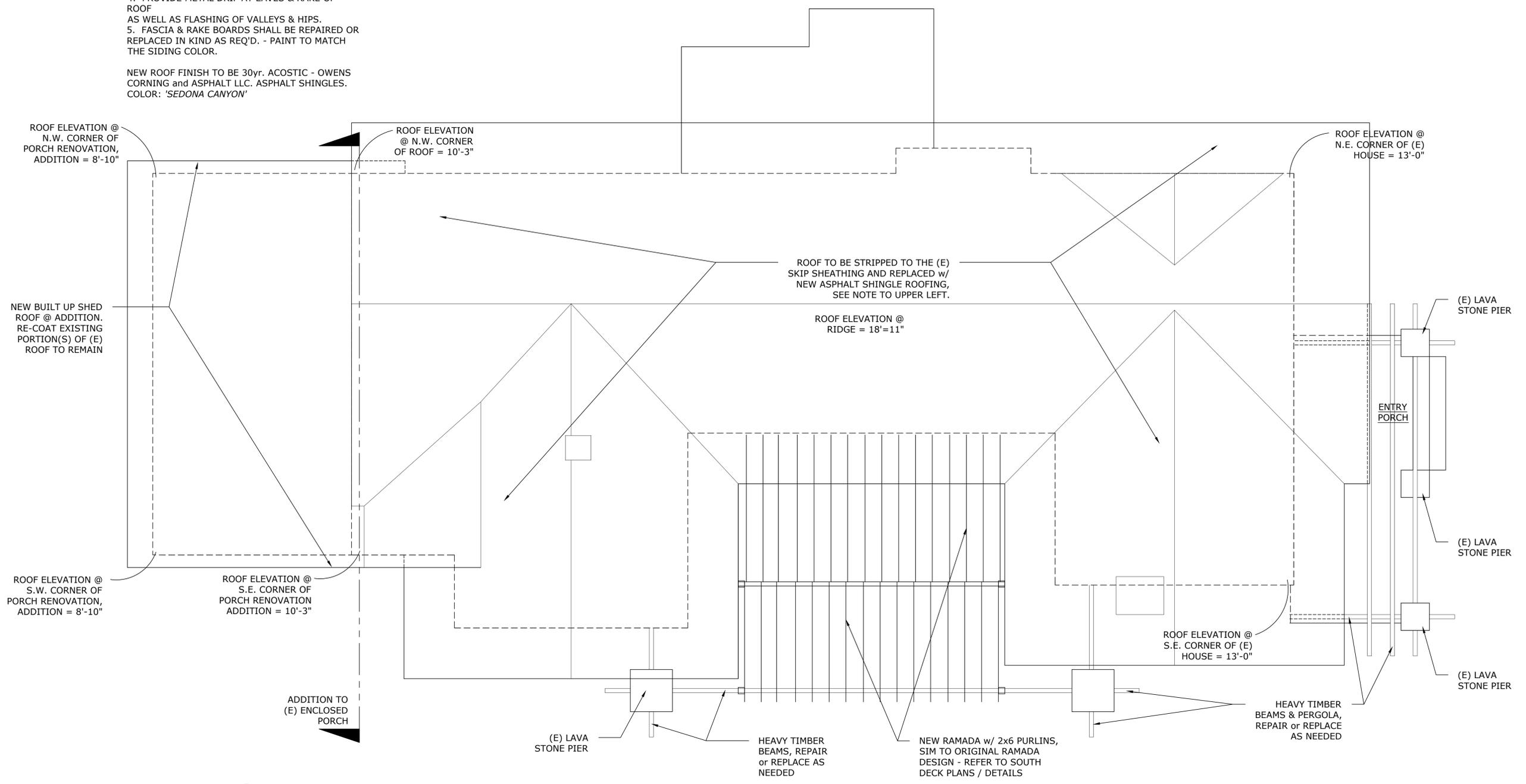
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**A11**  
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**RE-ROOFING WORK SCOPE - PRIMARY RESIDENCE:**  
 1. REMOVE EXISTING ASPHALT & CEDAR SHINGLES DOWN TO (E) SKIP SHEATHING.  
 2. REPAIR DAMAGED SKIP SHEATHING AS REQ'D.  
 3. INSTALL NEW ASPHALT SHINGLES OVER 30# FELT ON 1/2" PLYWOOD SHEATHING OVER (E) SKIP SHEATHING.  
 4. PROVIDE METAL DRIP AT EAVES & RAKE OF ROOF AS WELL AS FLASHING OF VALLEYS & HIPS.  
 5. FASCIA & RAKE BOARDS SHALL BE REPAIRED OR REPLACED IN KIND AS REQ'D. - PAINT TO MATCH THE SIDING COLOR.

NEW ROOF FINISH TO BE 30yr. ACOSTIC - OWENS CORNING and ASPHALT LLC. ASPHALT SHINGLES. COLOR: 'SEDONA CANYON'



**1 ROOF PLAN**  
 SCALE: 1/4"=1'-0"  
 N

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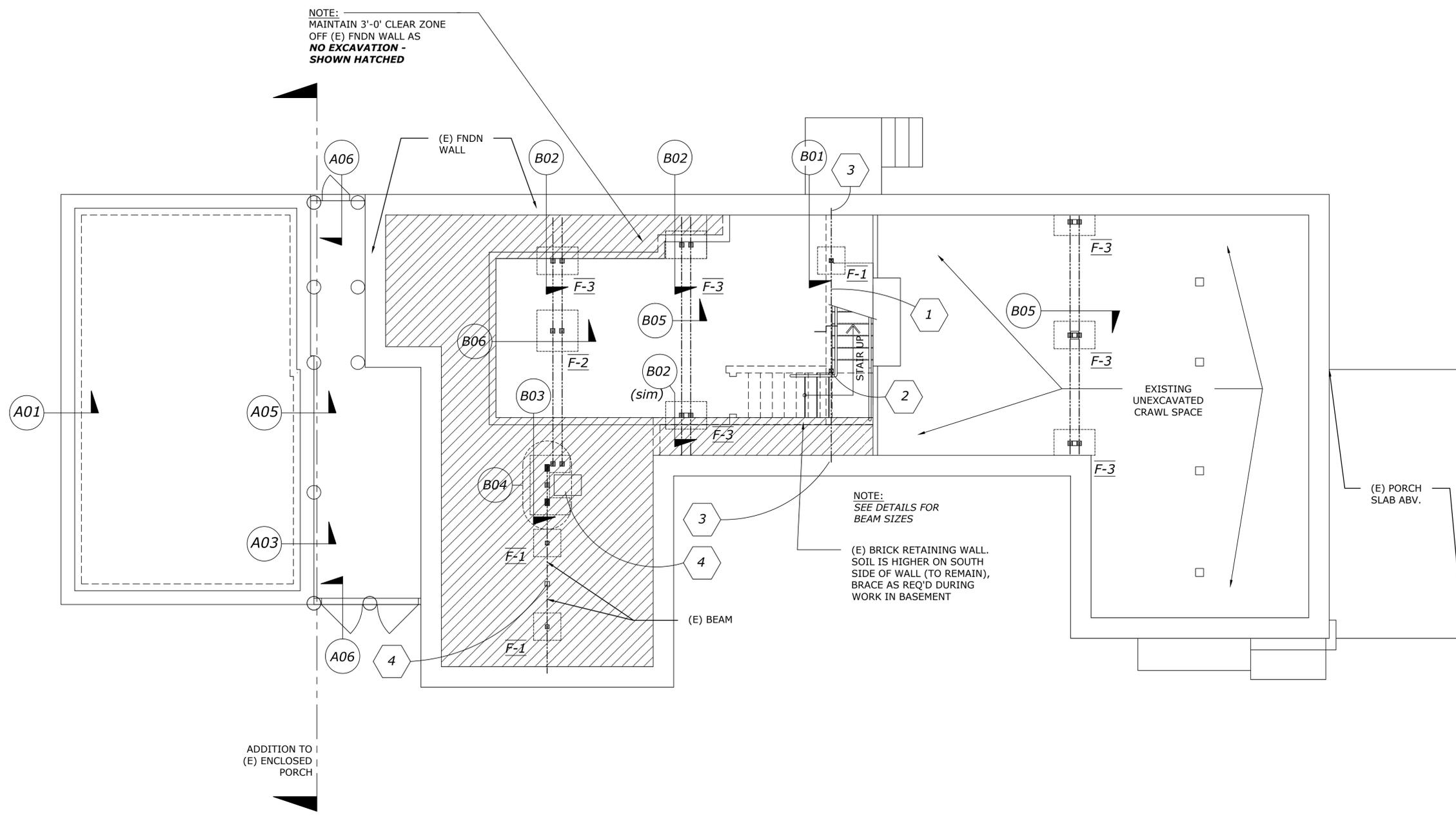
**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
 903 N 5th AVENUE - TUCSON, AZ 85705  
**ROOF PLAN**

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**A12**  
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**1** BASEMENT FRAMING PLAN  
SCALE: 1/4" = 1'-0"

- FOOTING / FRAMING PLAN KEYNOTES:
- 1 REPLACE EXISTING BM w/ NEW 4x6.
  - 2 EXISTING 4x4 POST TO REMAIN.
  - 3 POCKET NEW BEAM INTO WALL @ EACH END.
  - 4 EXISTING 24"x16" CHIMNEY.

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**PONGRATZ RESIDENCE  
RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**BASEMENT FRAMING PLAN**



| REV. | DESCRIPTION | DATE |
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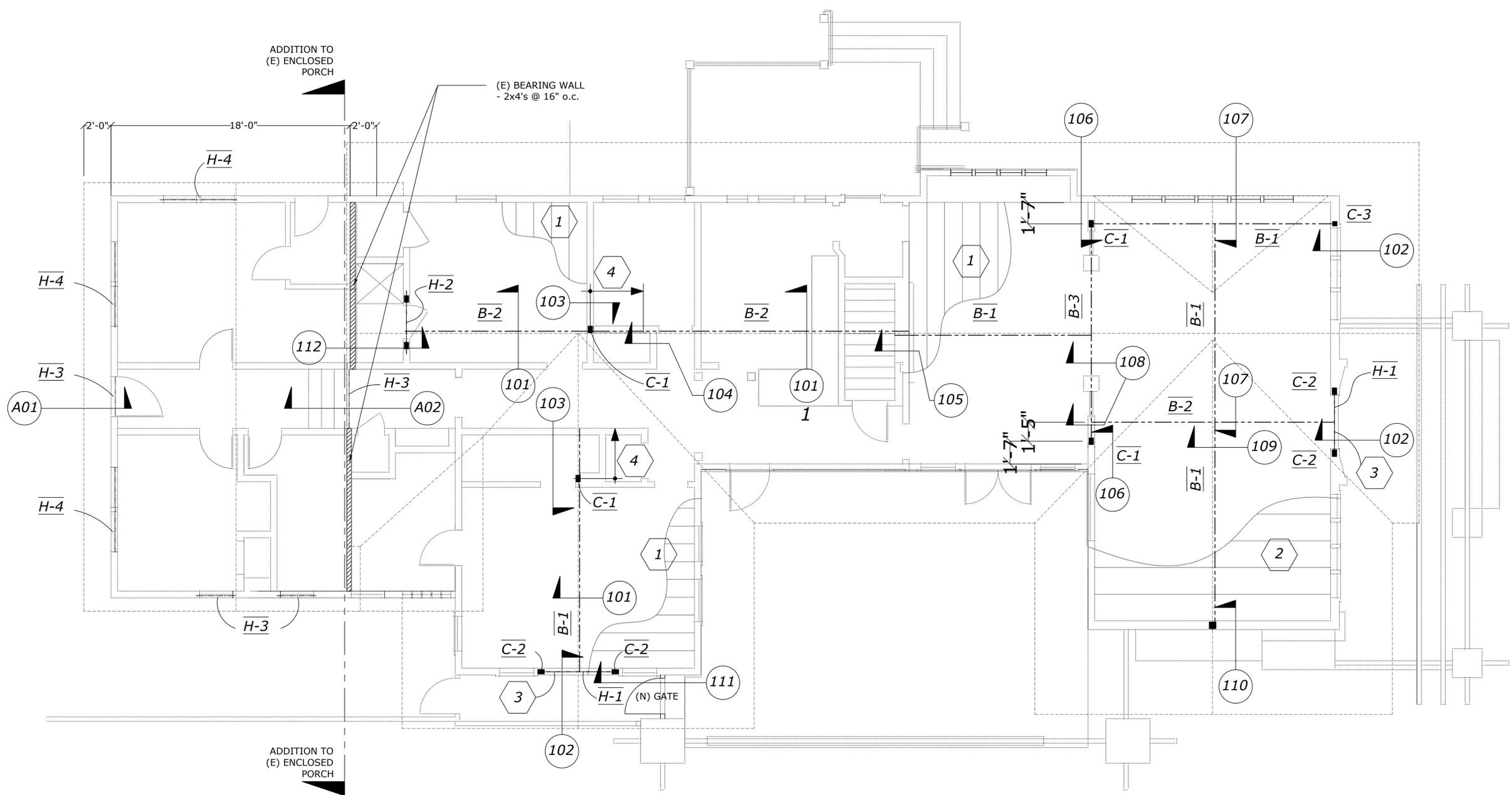
**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
 903 N 5th AVENUE - TUCSON, AZ 85705  
**MAIN FLOOR FRAMING PLAN**



| REV. | DESCRIPTION | DATE |
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**1 MAIN FLOOR FRAMING PLAN**  
 SCALE: 1/4"=1'-0" N

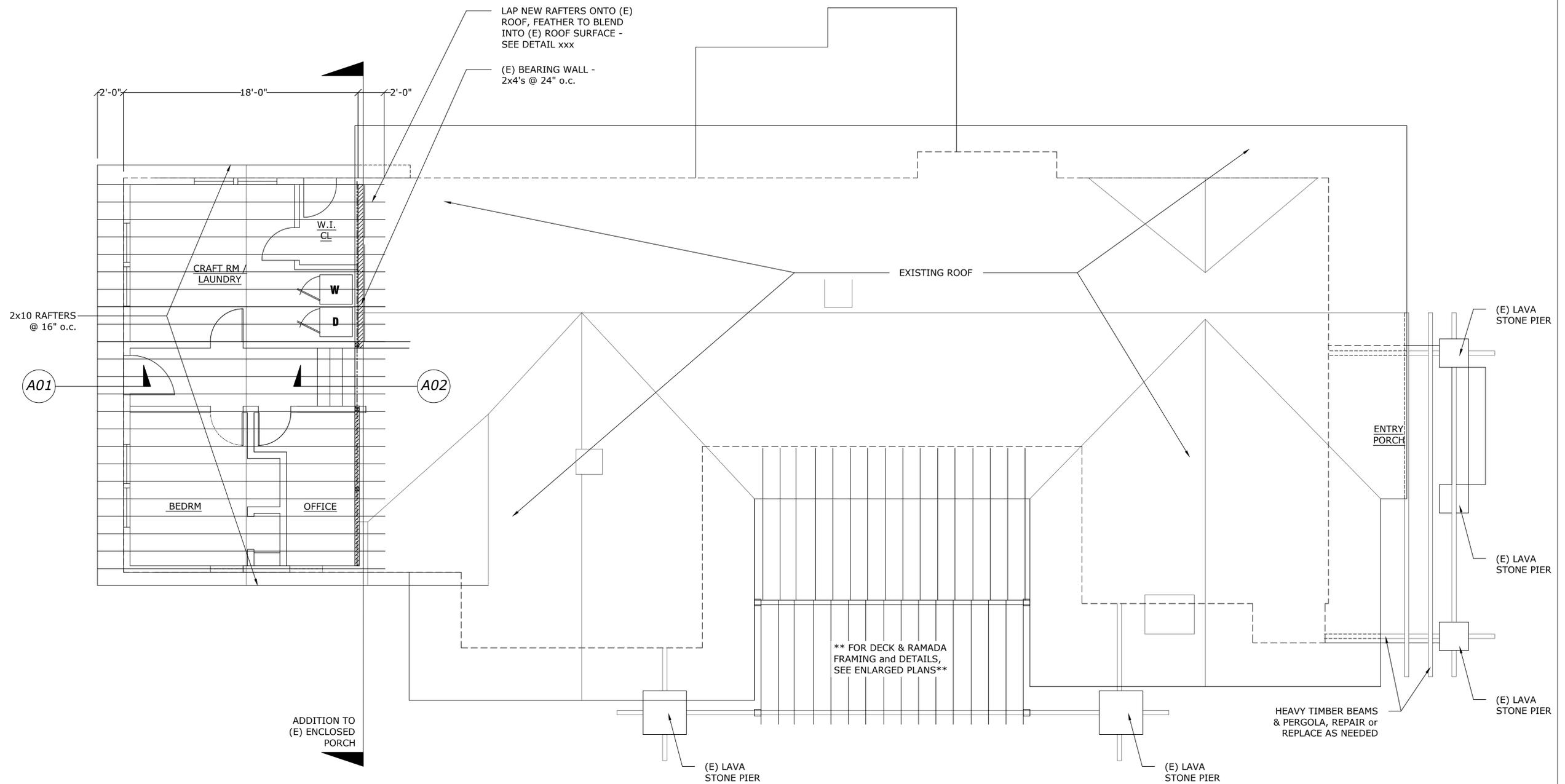
- FRAMING PLAN KEYNOTES:**
- 1 EXISTING 2x4 @ 16" o.c. CEILING JOISTS & 2x4 @ 32" o.c. ROOF JOISTS.
  - 2 EXISTING 2x4 @ 24" o.c. CEILING & ROOF JOISTS @ VAULTED CEILING.
  - 3 CUT & REMOVE EXIST. STUDS ABOVE OPENING FOR NEW HEADER. ADD NEW STUDS AS REQ'D JAMBS PER COLUMN SCHEDULE. PROVIDE 2 - 2x4 STUDS UNDER NEW BM TO TOP OF HEADER
  - 4 BEAMS TO CANTILEVER OVER NEW POSTS 3'-4" AS SHOWN.

**COLUMN SCHEDULE:**

| MARK | SIZE                            | NOTES |
|------|---------------------------------|-------|
| C-1  | 4x6 POST                        | DF #2 |
| C-2  | 1 - 2x4 BRG STUD + 2 - FULL HT. | DF #2 |

**BEAM SCHEDULE:**

| MARK | SIZE                        | NOTES   |
|------|-----------------------------|---------|
| B-1  | GLB 5 1/2" x 9"             | 24 F-V4 |
| B-2  | GLB 5 1/2" x 10 1/2"        | 24 F-V4 |
| B-3  | GLB 3 1/2" x 12"            | 24 F-V4 |
| H-1  | GLB 3 1/2" x 7 1/2"         | 24 F-V4 |
| H-2  | 4 x 12 (DIMENSIONAL LUMBER) | DF #2   |
| H-3  | 2-2x6                       | DF #2   |
| H-4  | 2-2x8                       | DF #2   |



**1** ADDITION ROOF FRAMING PLAN  
SCALE: 1/4"=1'-0"

| COLUMN SCHEDULE: |                                 | NOTES |
|------------------|---------------------------------|-------|
| MARK             | SIZE                            |       |
| C-1              | 4x6 POST                        | DF #2 |
| C-2              | 1 - 2x4 BRG STUD + 2 - FULL HT. | DF #2 |

| BEAM SCHEDULE: |                             | NOTES   |
|----------------|-----------------------------|---------|
| MARK           | SIZE                        |         |
| B-1            | GLB 5 1/2" x 9"             | 24 F-V4 |
| B-2            | GLB 5 1/2" x 10 1/2"        | 24 F-V4 |
| B-3            | GLB 3 1/2" x 12"            | 24 F-V4 |
| H-1            | GLB 3 1/2" x 7 1/2"         | 24 F-V4 |
| H-2            | 4 x 12 (DIMENSIONAL LUMBER) | DF #2   |
| H-3            | 2-2x6                       | DF #2   |
| H-4            | 2-2x8                       | DF #2   |

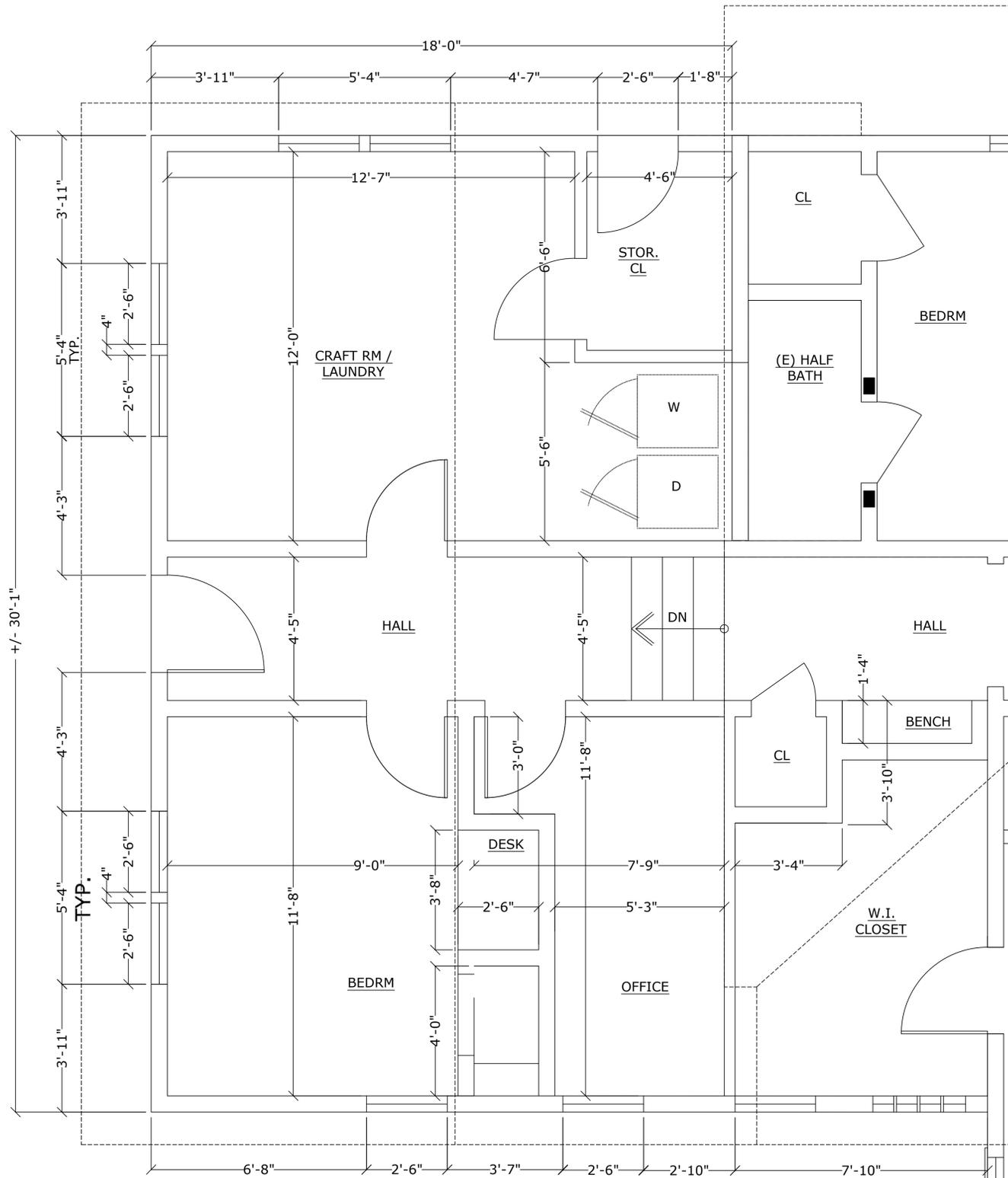
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**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**ADDITION ROOF FRAMING PLAN**

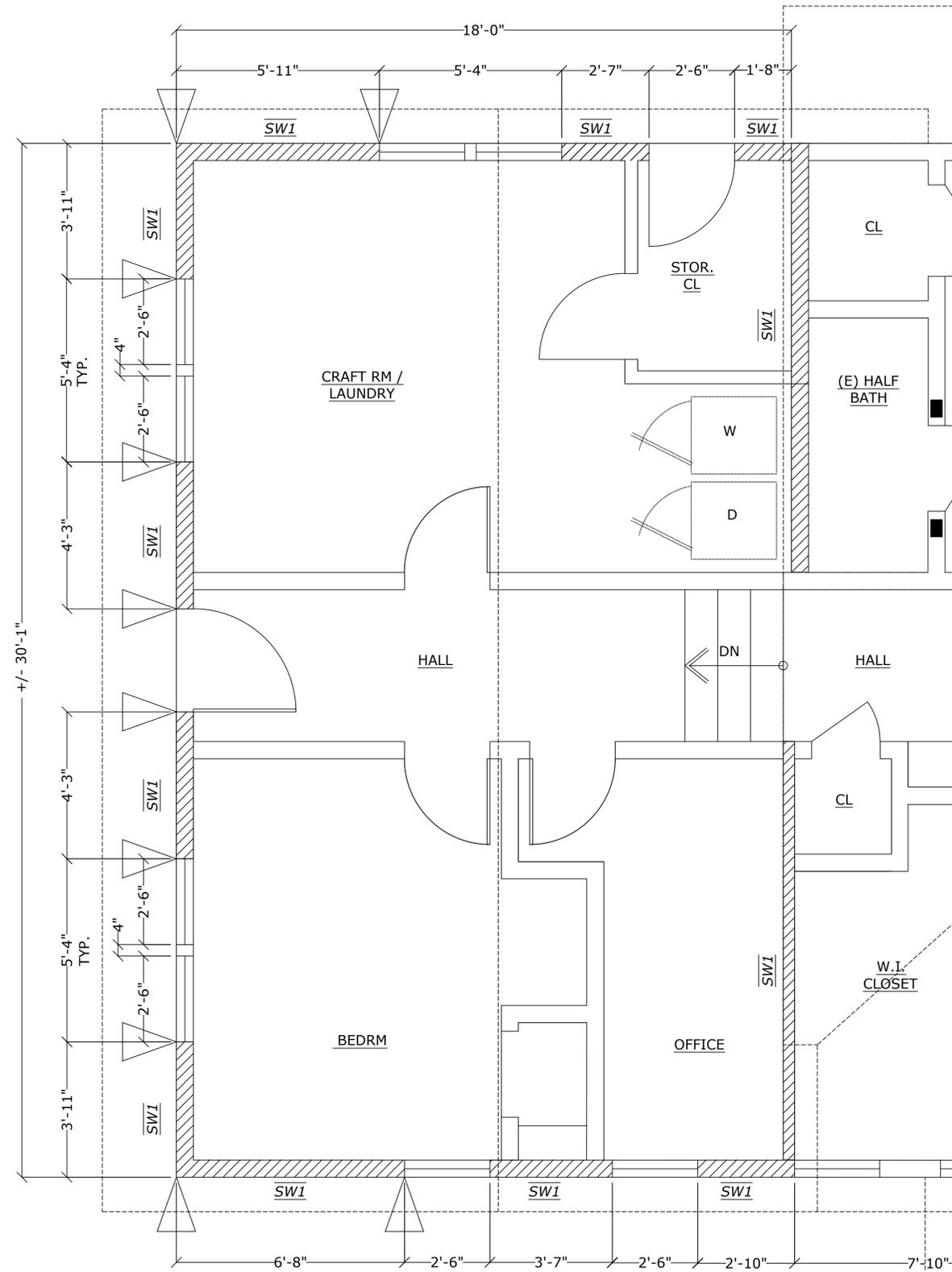
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**A23**  
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**1** ADDITION ENLARGED PLAN - DIMENSIONS  
SCALE: 1/2"=1'-0" N



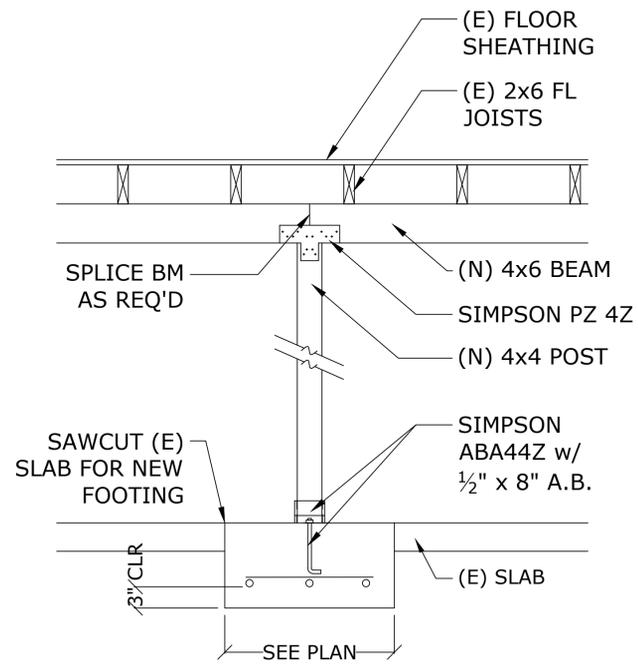
**2** ADDITION HOLD DOWN / SHEAR WALL PLAN  
SCALE: 1/2"=1'-0" N

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**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**ADDITION DIM/SHEAR WALL/HOLD DOWN PLANS**

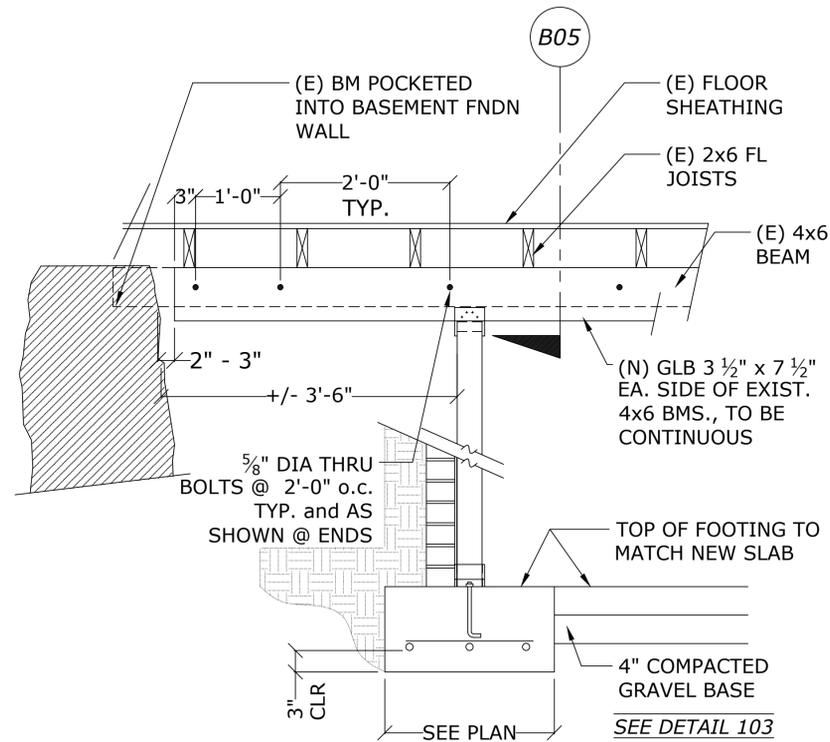
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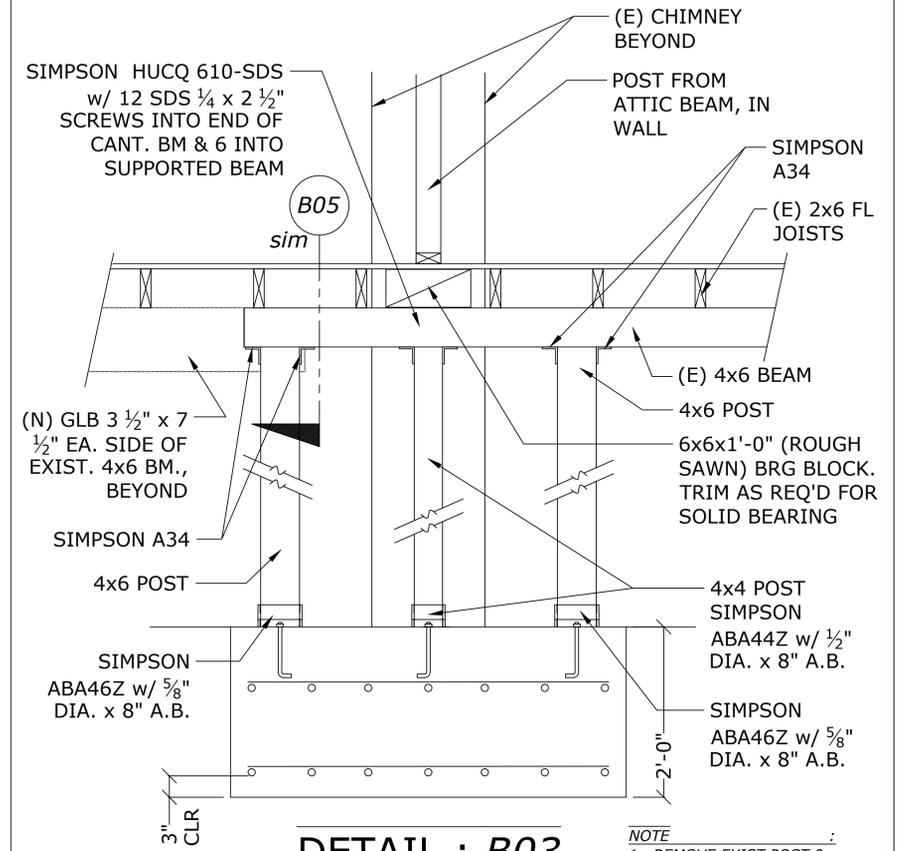
**DETAIL : B01**

SCALE: 1"=1'-0"



**DETAIL : B02**

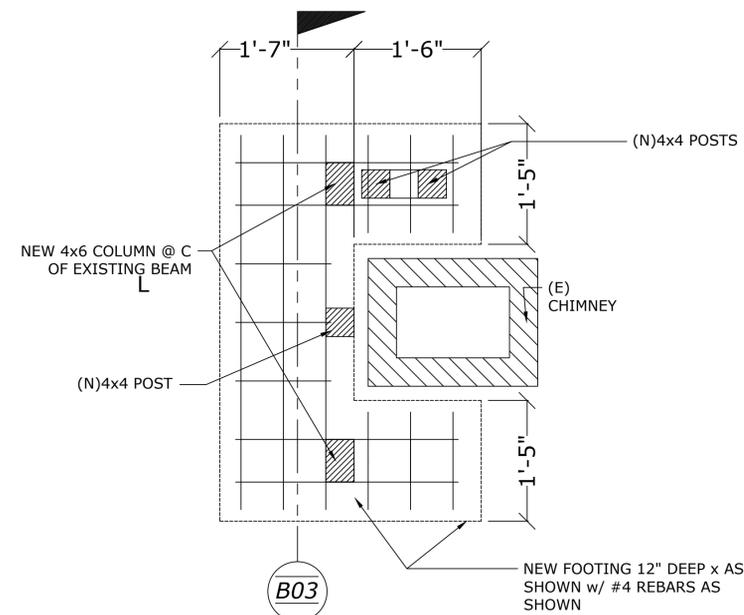
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**DETAIL : B03**

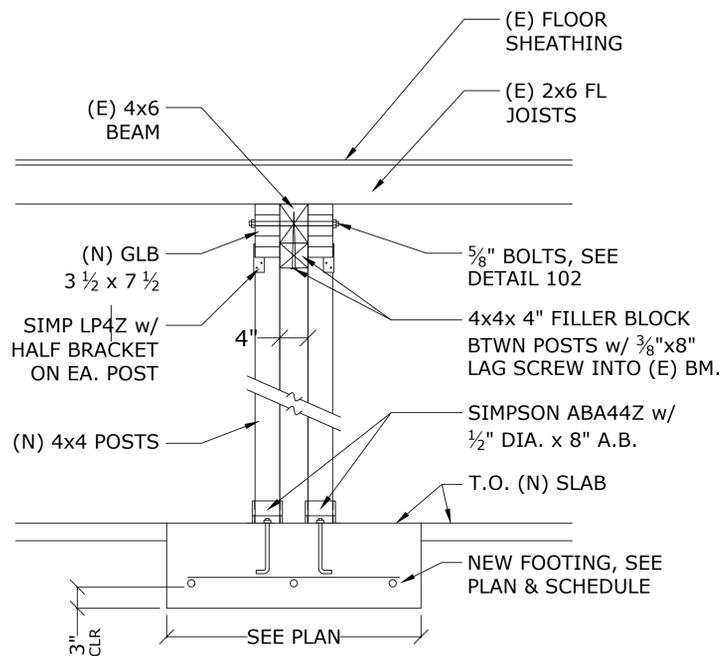
SCALE: 1"=1'-0"

**NOTE**  
1. REMOVE EXIST POST & CUT EXIST BM FOR NEW BM INSTALLATION



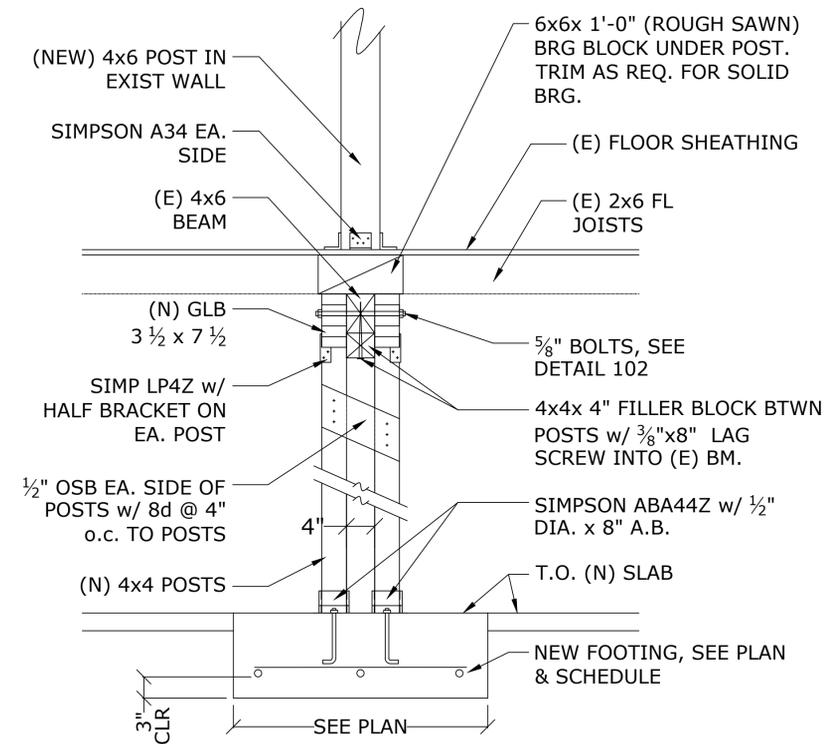
**DETAIL : B04**

SCALE: 1"=1'-0"



**DETAIL : B05**

SCALE: 1"=1'-0"



**DETAIL : B06**

SCALE: 1"=1'-0"

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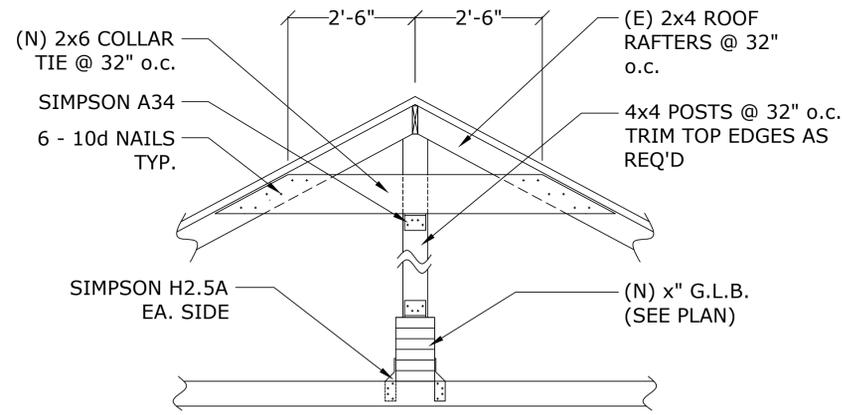
**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**BASEMENT FRAMING DETAILS**



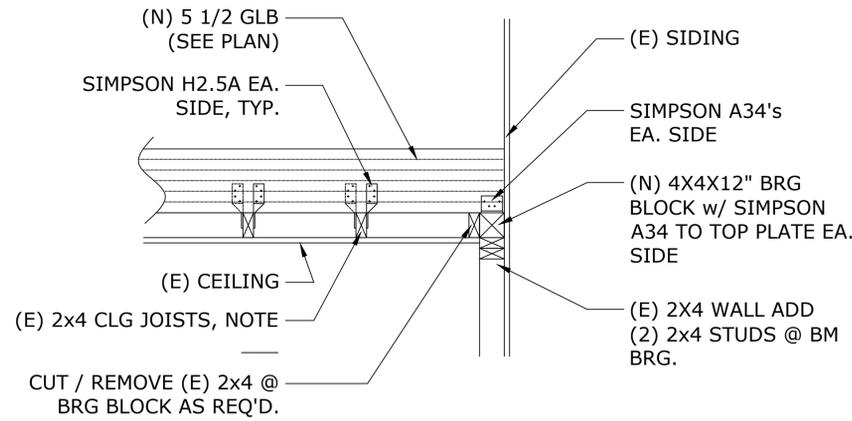
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DRAWING BY: MCC  
ISSUED FOR: PERMIT

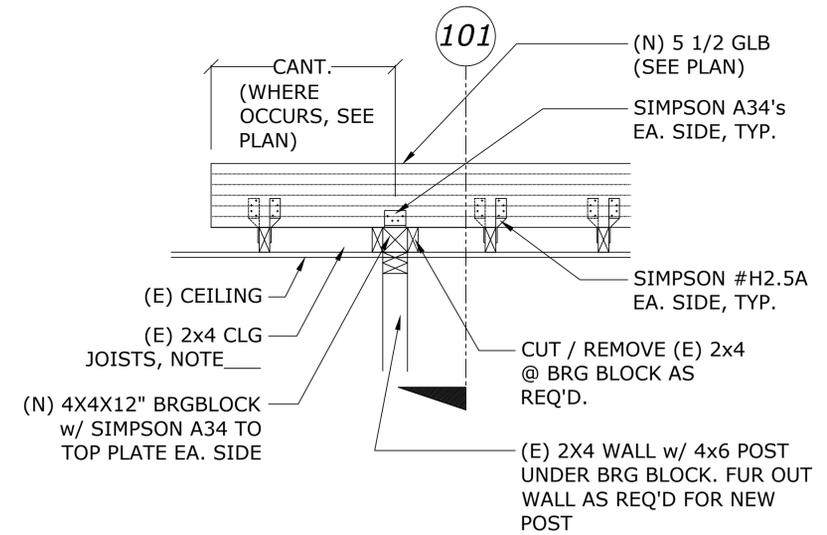
**A3.0**  
12/8/2021



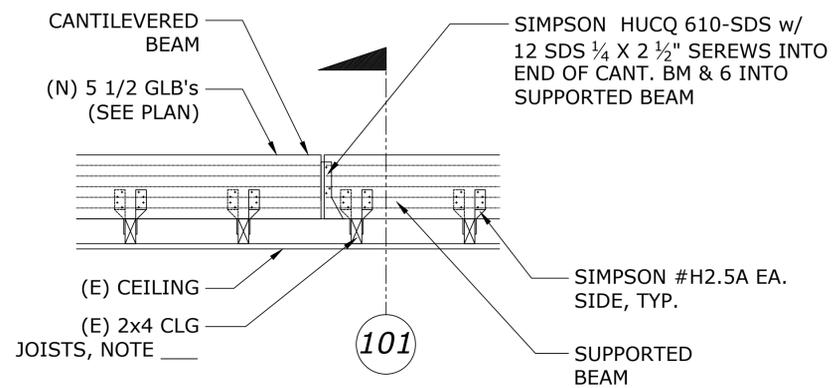
**DETAIL : 101**  
SCALE: 1"=1'-0"



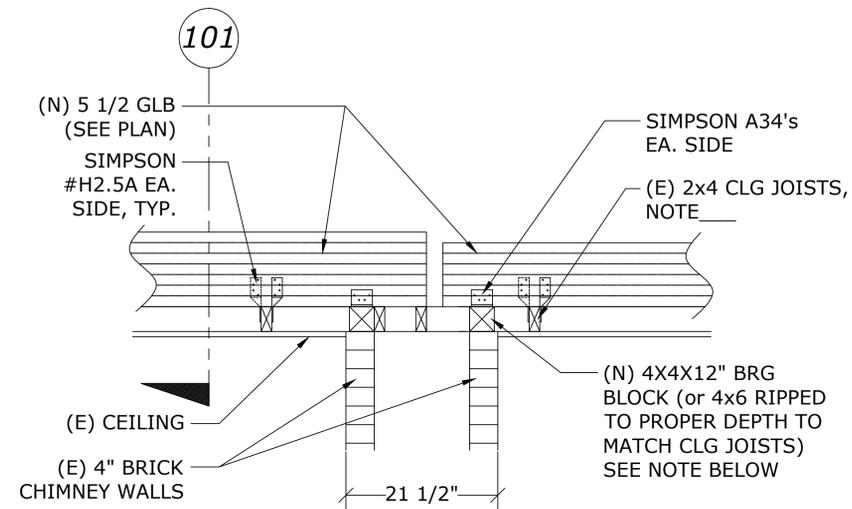
**DETAIL : 102**  
SCALE: 1"=1'-0"



**DETAIL : 103**  
SCALE: 1"=1'-0"

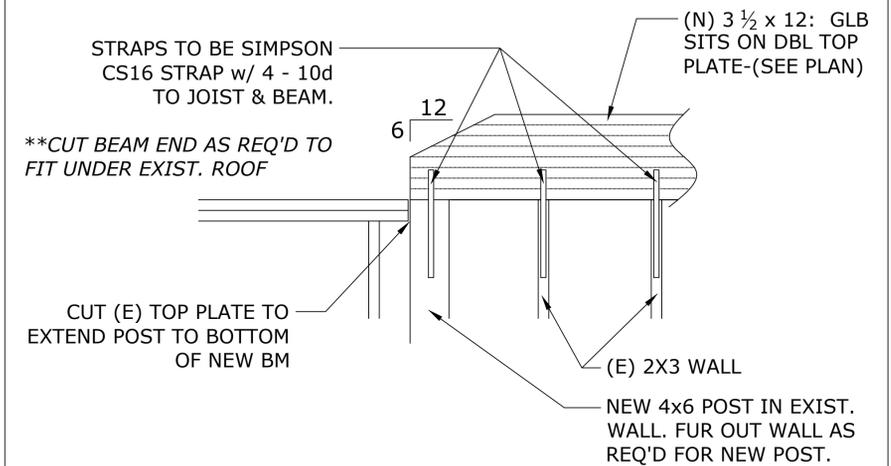


**DETAIL : 104**  
SCALE: 1"=1'-0"



**DETAIL : 105**  
SCALE: 1"=1'-0"

**BEARING BLOCK NOTE:**  
CLEAN & WIRE BRUSH BRICK SURFACE AT NEW BRG BLOCK. COAT BOTTOM OF BRG. BLOCK AND TOP OF BRICK w/ APPROX. 1/8" LAYER OF SIMPSON SET ADHESIVE. SET BRG BLOCK & LEVEL ON EPOXY GROUT BED.



**DETAIL : 106**  
SCALE: 1"=1'-0"

**Matt Conley**  
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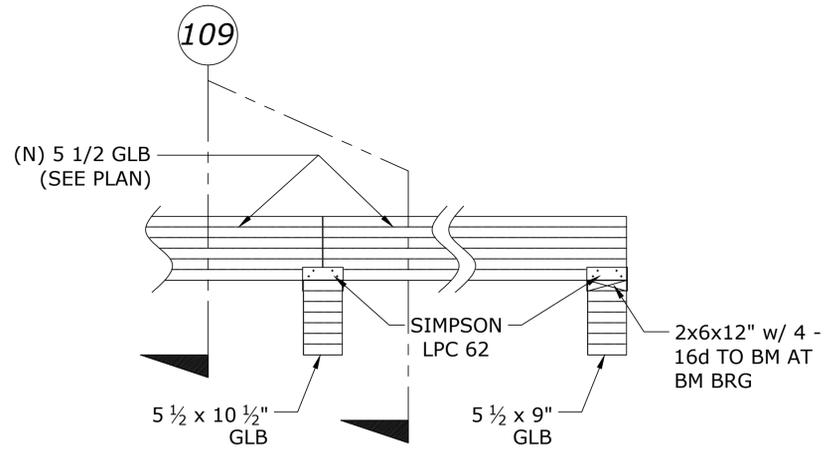
**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**FIRST FLOOR FRAMING DETAILS**



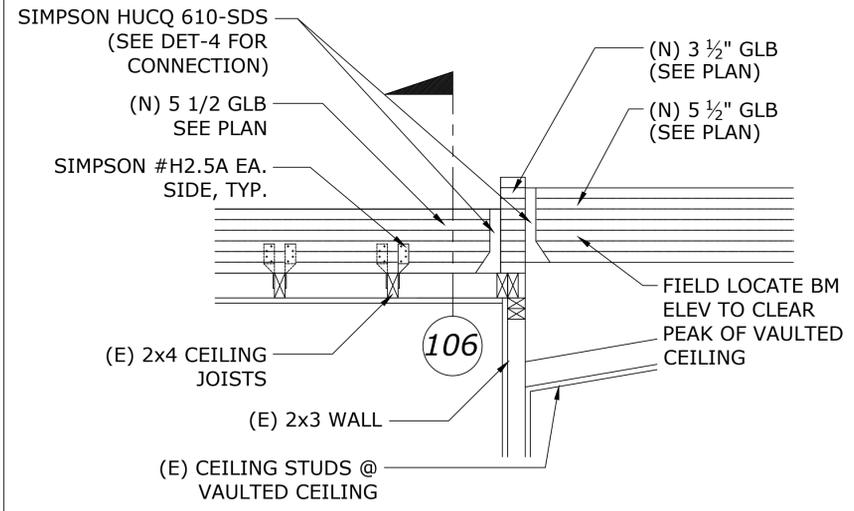
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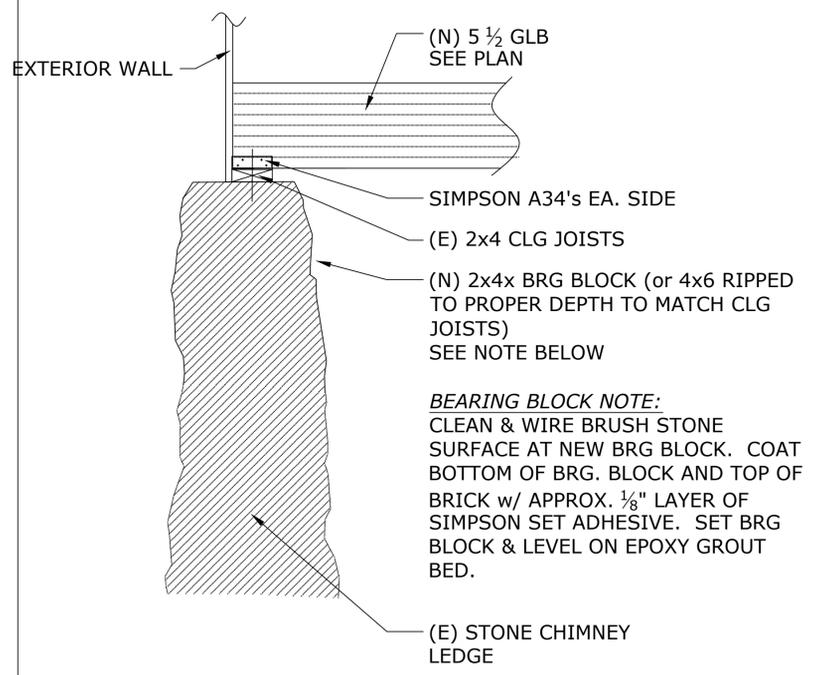
**A3.1**  
12/8/2021



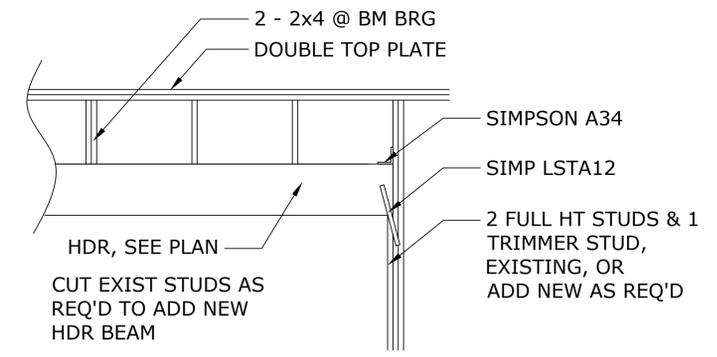
**DETAIL : 107**  
SCALE: 1"=1'-0"



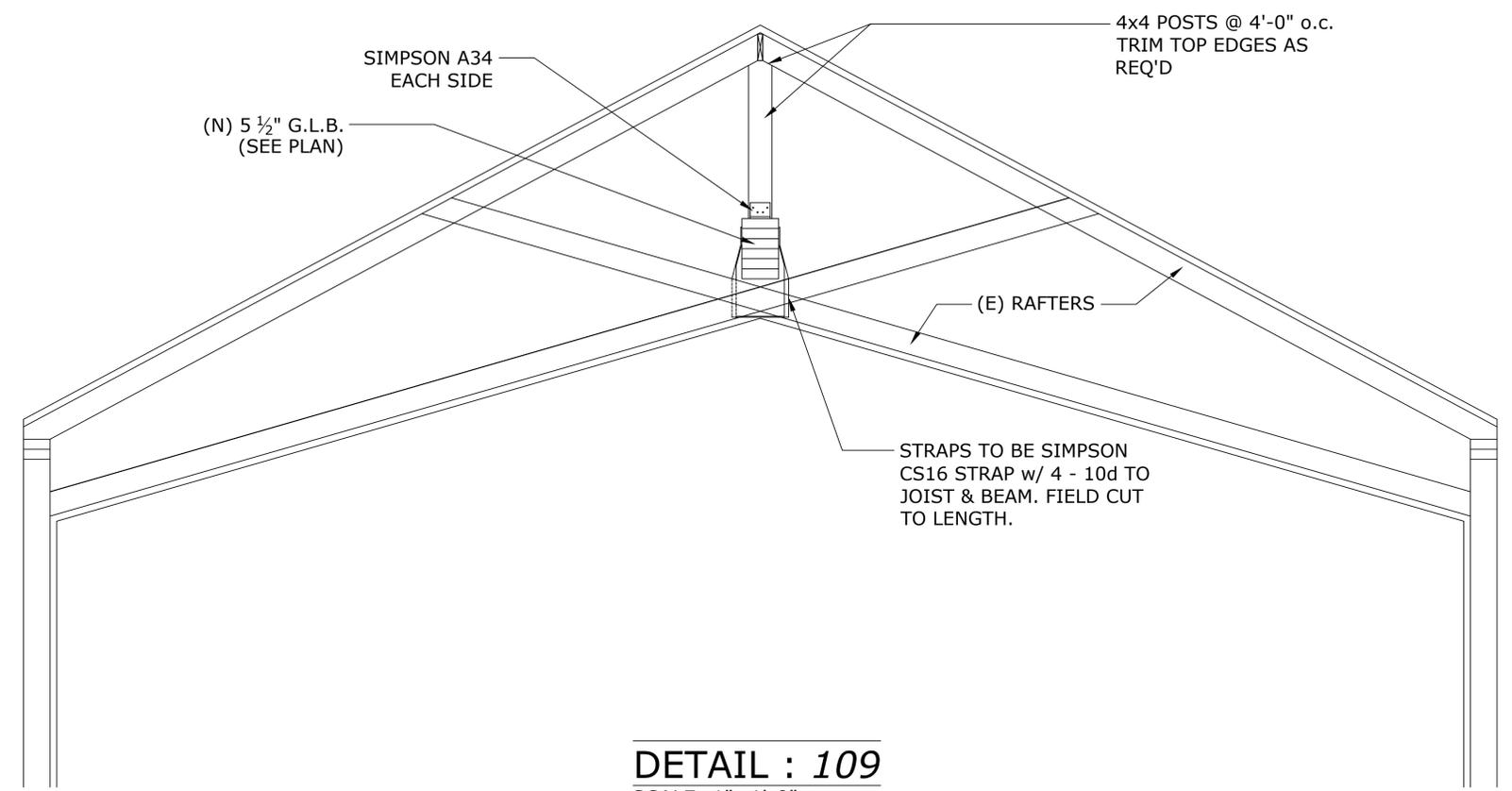
**DETAIL : 108**  
SCALE: 1"=1'-0"



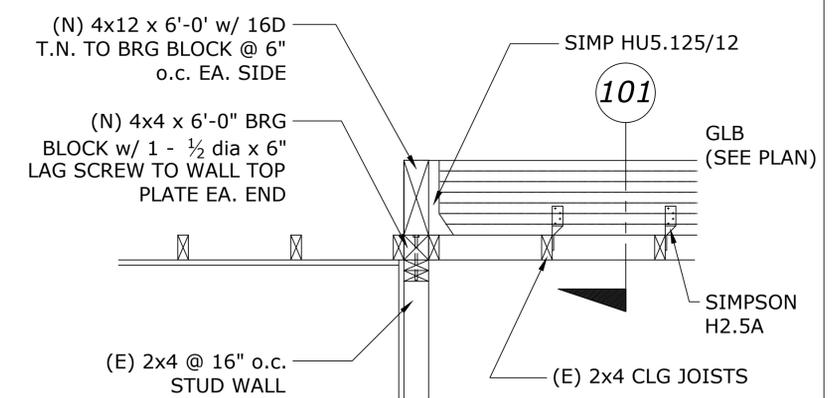
**DETAIL : 110**  
SCALE: 1"=1'-0"



**DETAIL : 111**  
SCALE: 1"=1'-0"



**DETAIL : 109**  
SCALE: 1"=1'-0"



**DETAIL : 112**  
SCALE: 1"=1'-0"

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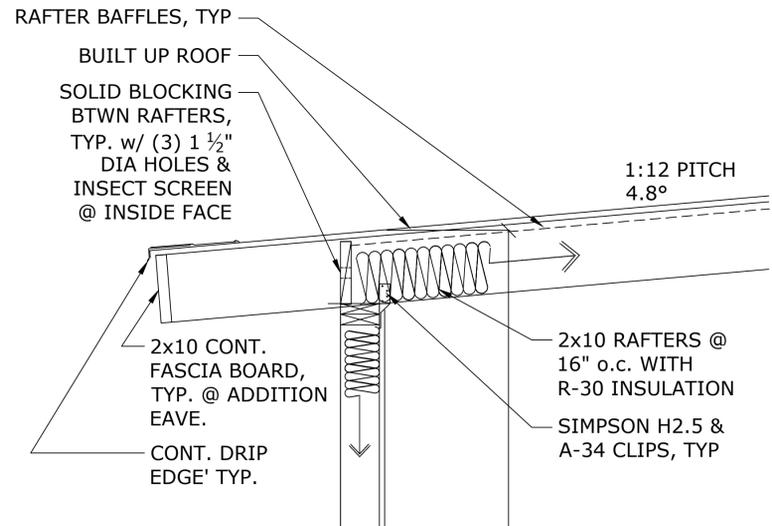
**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**FIRST FLOOR FRAMING DETAILS**



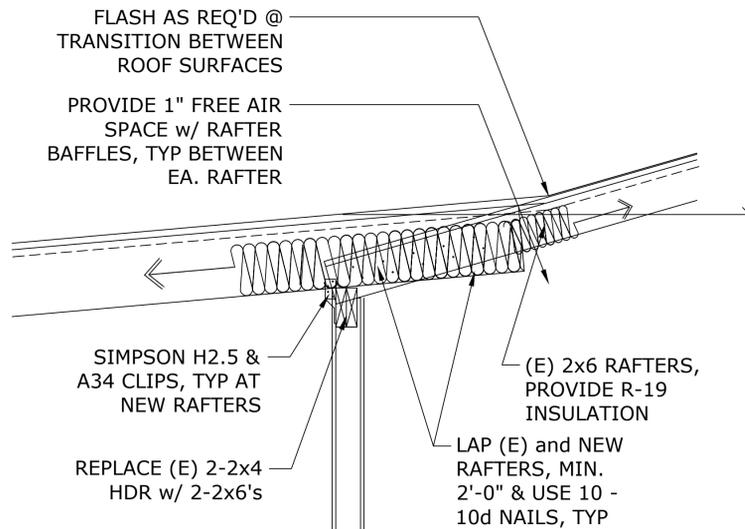
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DRAWING BY: MCC  
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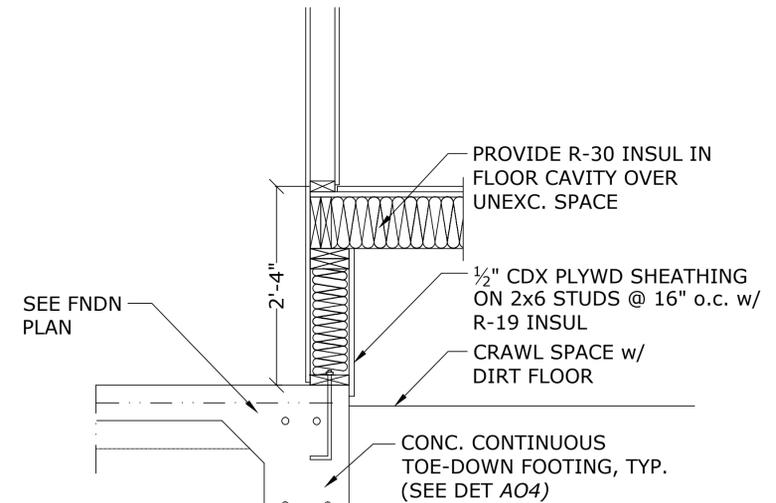
**A3.2**  
12/8/2021



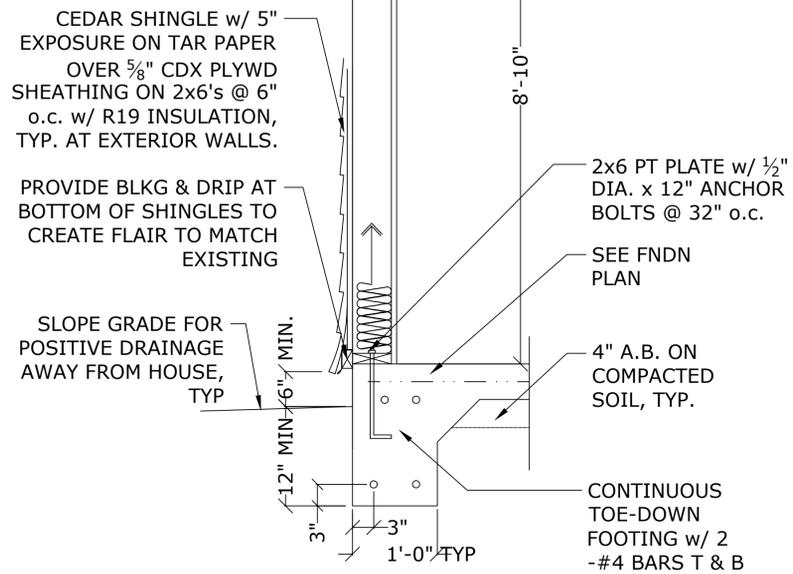
**DETAIL A01**  
SCALE: 1"=1'-0"



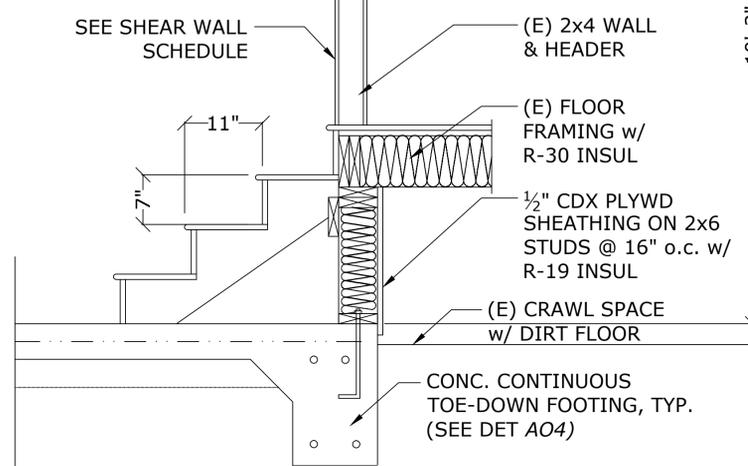
**DETAIL A02**  
SCALE: 1"=1'-0"



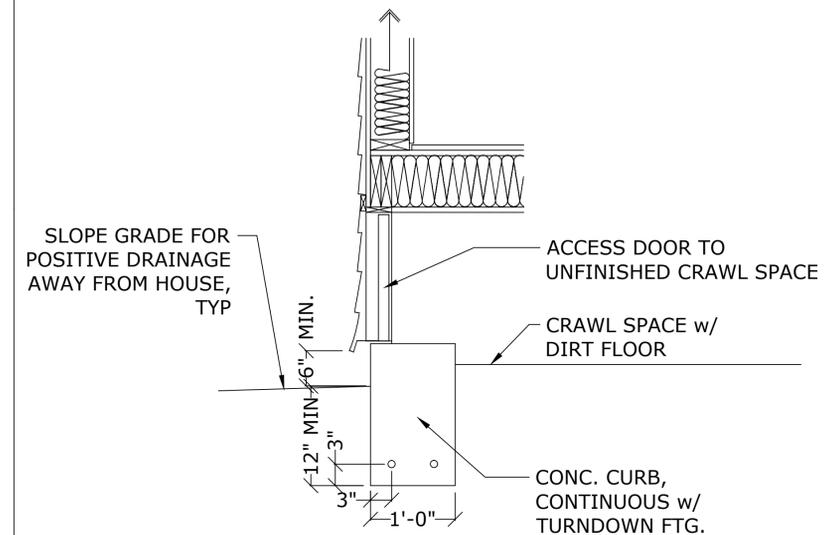
**DETAIL A03**  
SCALE: 1"=1'-0"



**DETAIL A04**  
SCALE: 1"=1'-0"



**DETAIL A05**  
SCALE: 1"=1'-0"



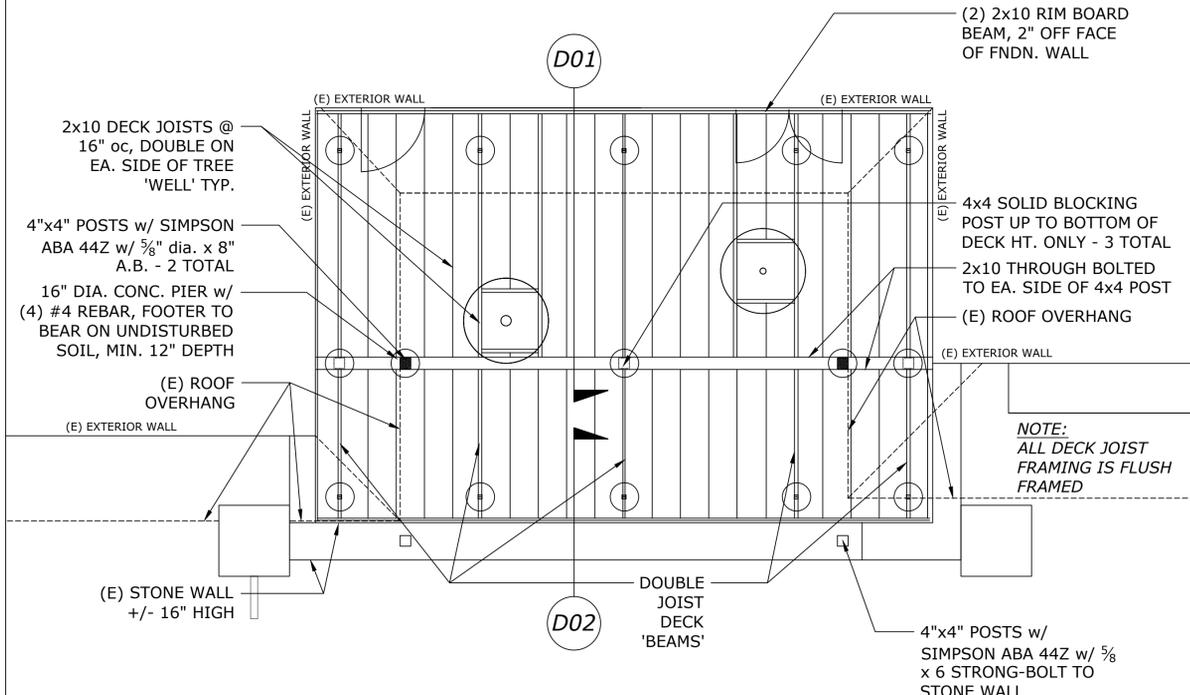
**DETAIL A06**  
SCALE: 1"=1'-0"

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**Architect**  
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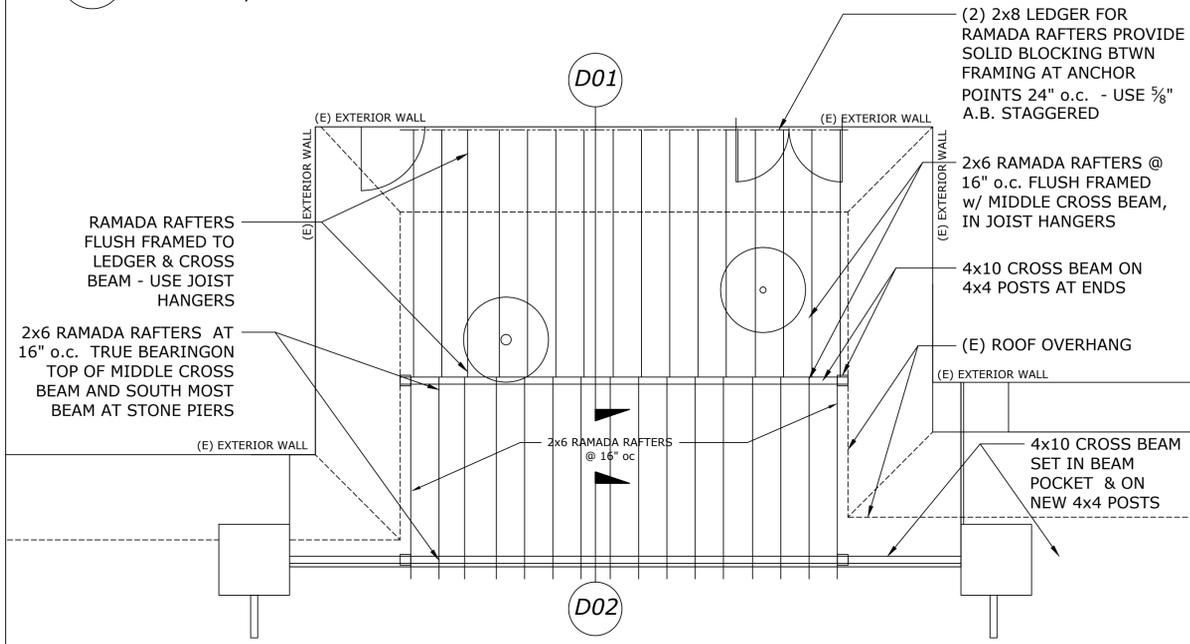
**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
 903 N 5th AVENUE - TUCSON, AZ 85705  
**ADDITION FRAMING DETAILS**

| REV. | DESCRIPTION | DATE |
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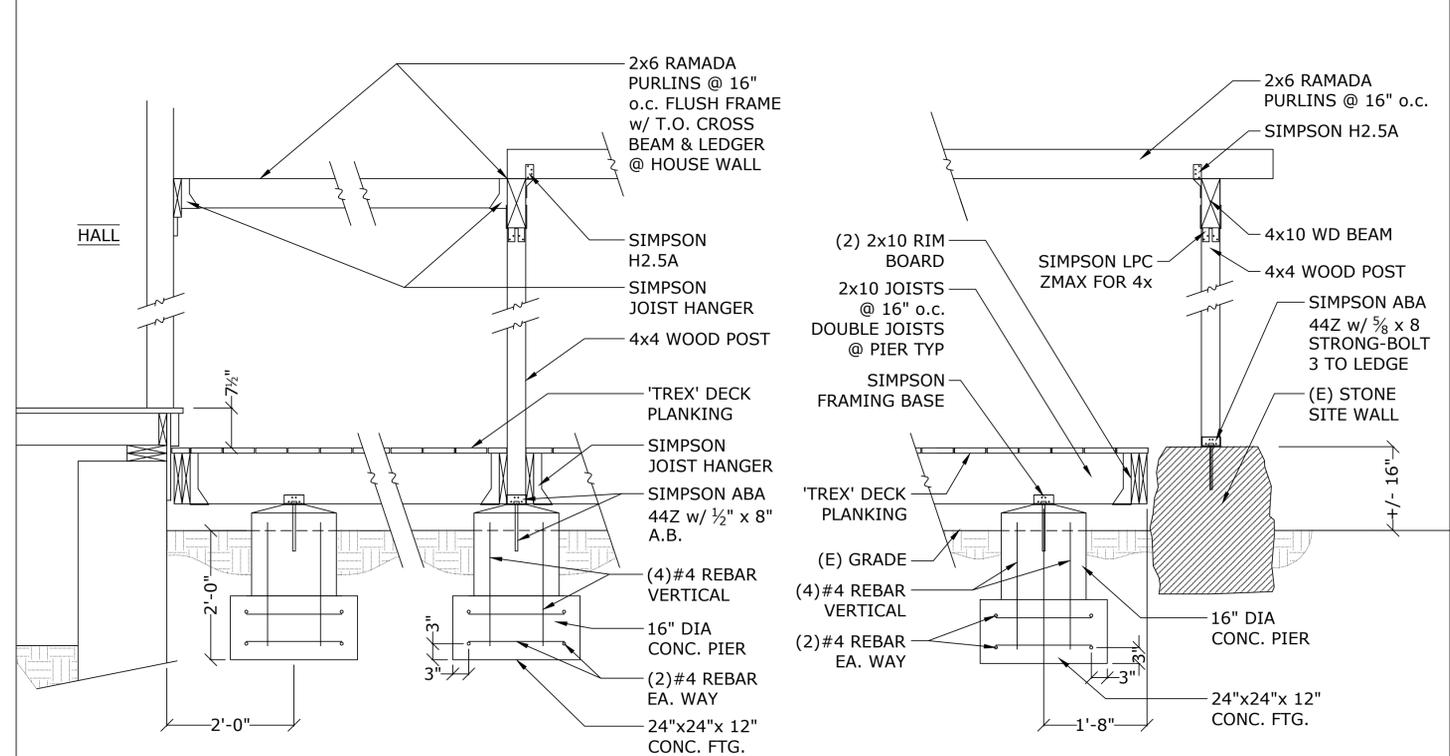
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**1 SOUTH PORCH FRAMING PLAN**  
SCALE: 1/4"=1'-0"



**2 SOUTH RAMADA PLAN**  
SCALE: 1/4"=1'-0"



**3 SOUTH PORCH FRAMING SECTION**  
SCALE: 3/4"=1'-0"

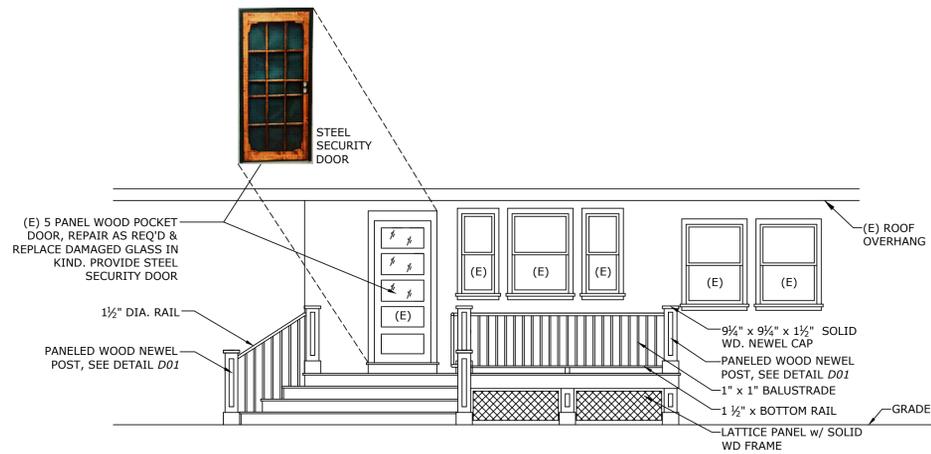
**Matt Conley**  
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2020 North Heatherbrae  
Circle  
TUCSON, AZ 85715  
(520) 609-9109

**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**SOUTH PORCH FRAMING & DETAILS**

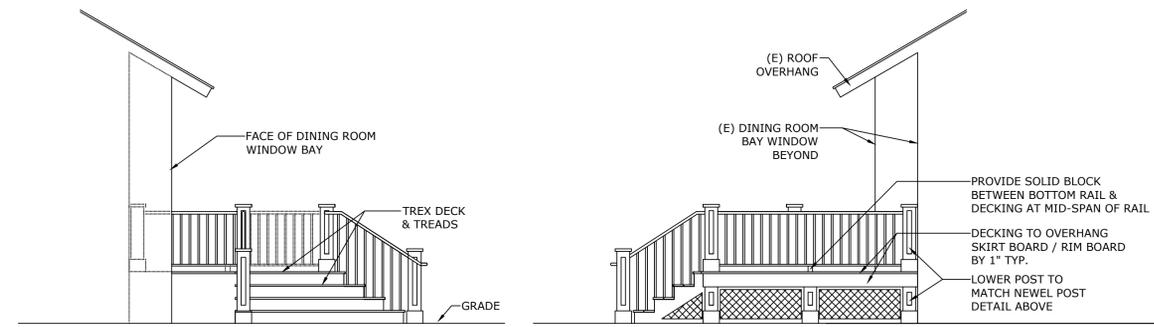
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**A4.0**  
12/8/2021

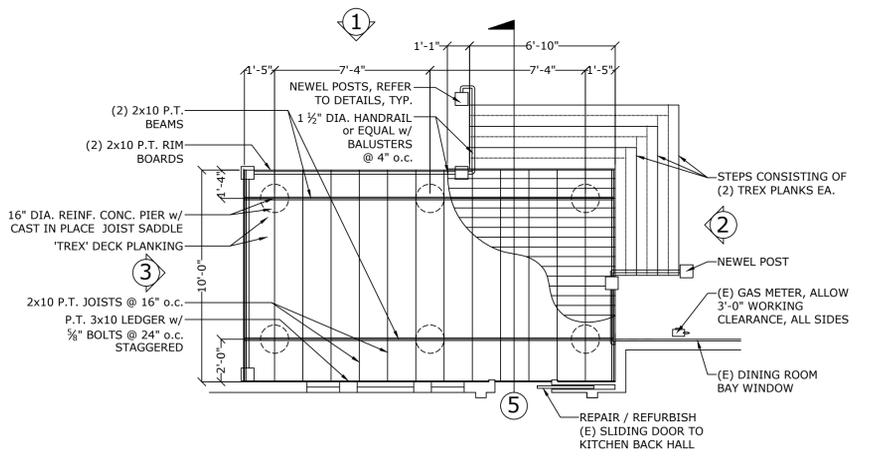


**1 NORTH ELEVATION**  
NORTH PORCH SCALE: 1/4"=1'-0"

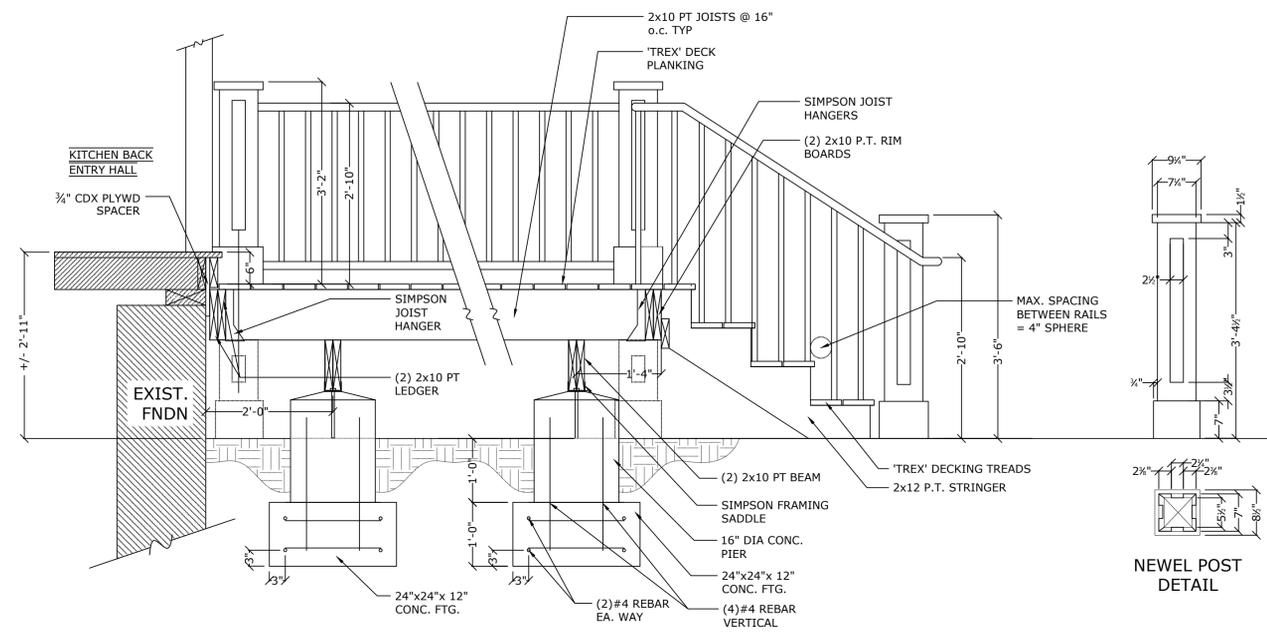


**2 EAST ELEVATION**  
NORTH PORCH - SCALE: 1/4"=1'-0"

**3 WEST ELEVATION**  
NORTH PORCH - SCALE: 1/4"=1'-0"



**4 NORTH PORCH PLAN**  
SCALE: 1/4"=1'-0"



**5 SECTION @ NORTH PORCH**  
SCALE: 3/4"=1'-0"

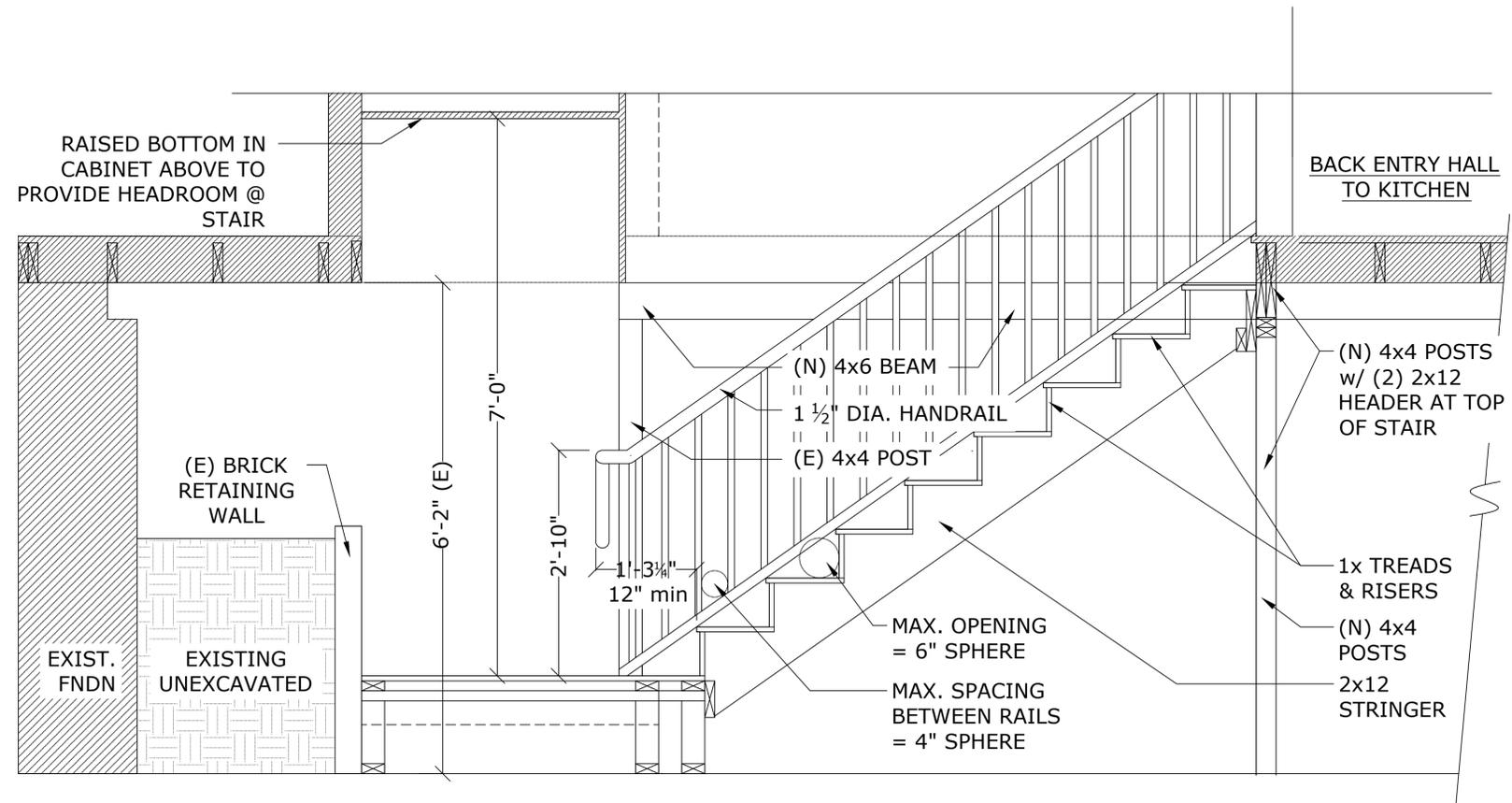
**Matt Conley**  
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(520) 609-9109

**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**NORTH PORCH FRAMING, ELEV & DETAILS**

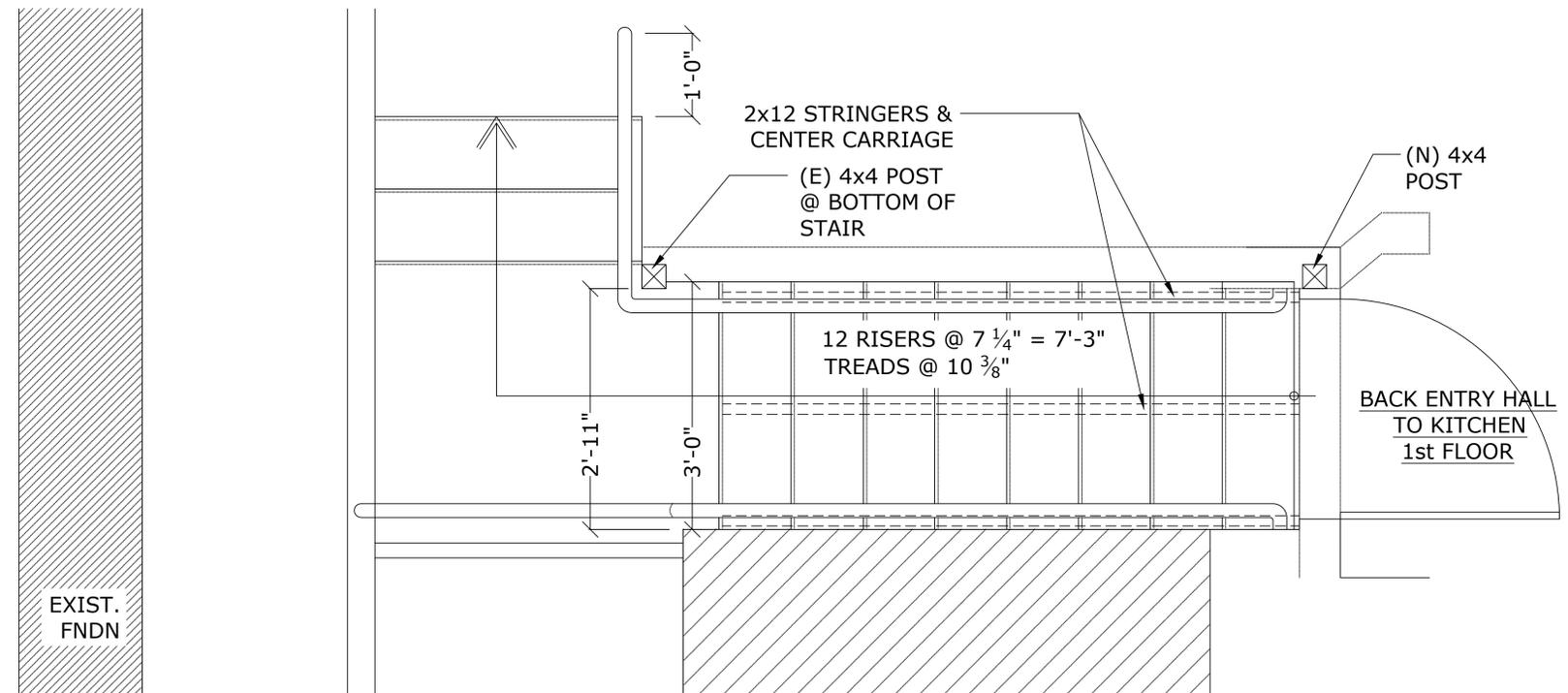
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**A4.1**  
12/8/2021



**1** BASEMENT STAIR SECTION  
SCALE: 1"=1'-0"



**1** BASEMENT STAIR PLAN  
SCALE: 1"=1'-0"

**Matt Conley**  
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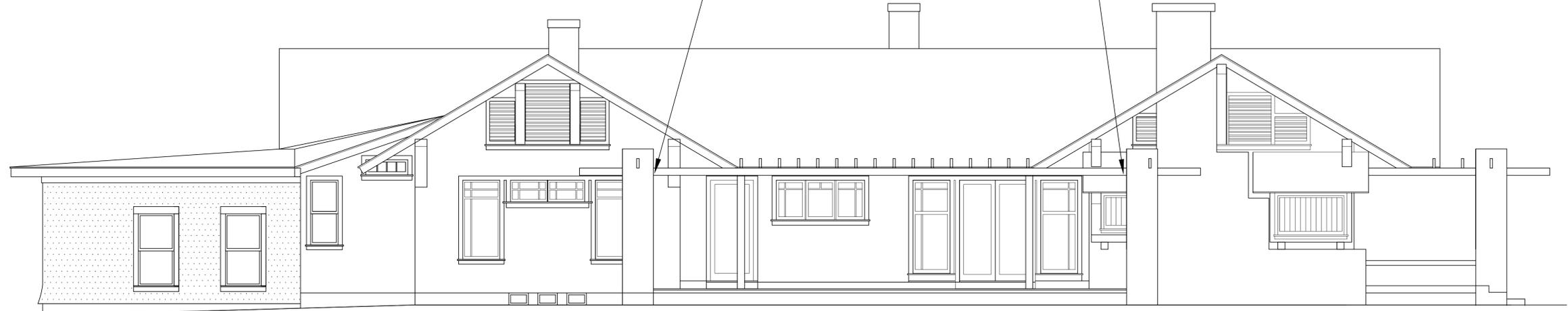
**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**BASEMENT STAIR PLAN & DETAILS**

| REV. | DESCRIPTION | DATE |
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**A5.0**  
12/8/2021

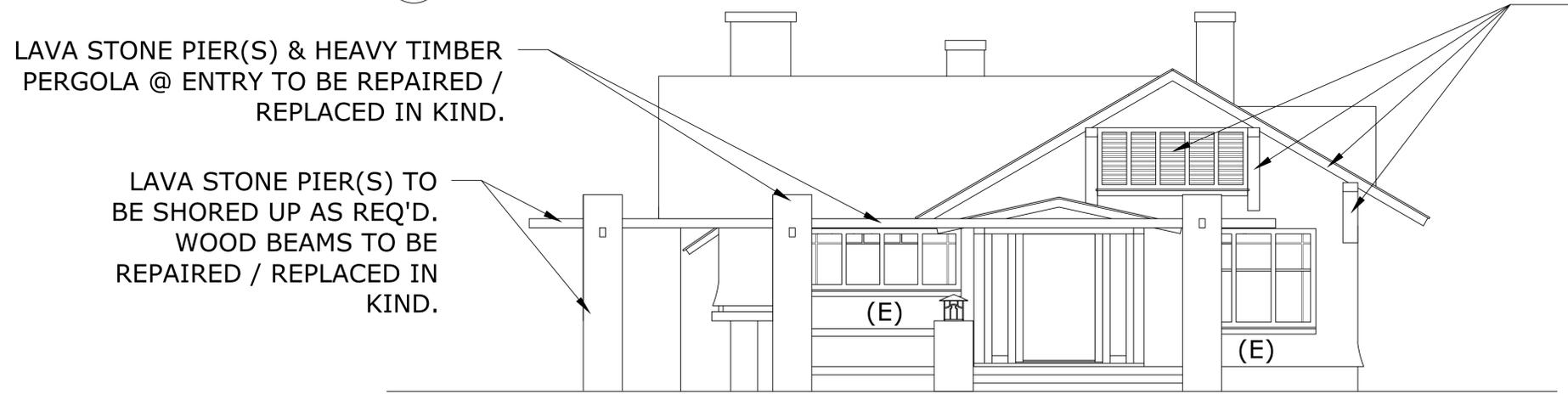
TIMBER RAMADA RENOVATION BETWEEN STONE PIERS & BACK TO SOUTH WALL OF HOUSE



**1 SOUTH ELEVATION w/ RAMADA**  
SCALE: 1/4"=1'-0"



**2 SOUTH ELEVATION**  
SCALE: 1/4"=1'-0"



**3 EAST ELEVATION**  
SCALE: 1/4"=1'-0"

LAVA STONE PIER(S) TO BE SHORED UP AS REQ'D. WOOD BEAMS TO BE REPAIRED / REPLACED IN KIND.

GABLE END VENT, BRACKET & TRIM WORK TO BE REPAIRED or REPLACED IN KIND @ ALL 5 GABLE ENDS.

**GENERAL NOTES:**

1. (E) CEDAR SHINGLES TO BE CLEANED & STAINED, REPLACE IN KIND WHERE DAMAGED BEYOND REPAIR.
2. WINDOW & DOOR CASINGS and ALL TRIM WORK TO BE REPAIRED AS NEEDED & PAINTED. REPLACE IN KIND WHERE DAMAGED BEYOND REPAIR.
3. REPOINT STONE FOUNDATION AS NEEDED, USE A HIGHER LIME CONTENT MORTAR - DO NOT USE CEMENT.

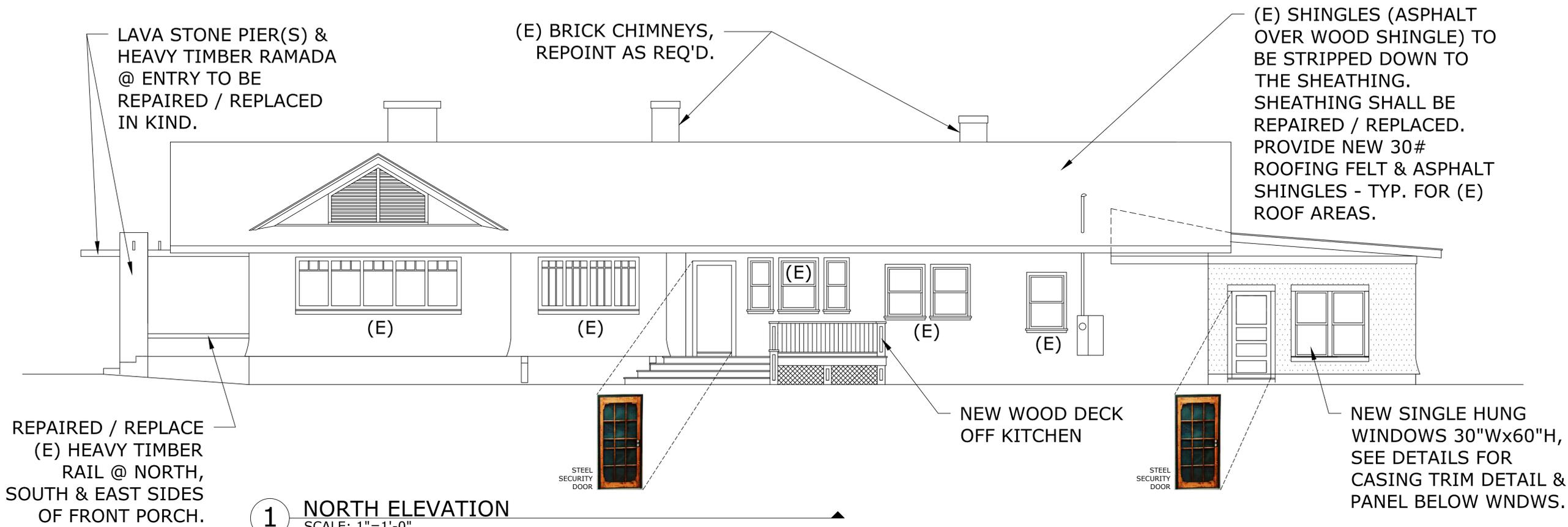
**Matt Conley**  
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Circle  
TUCSON, AZ 85715  
(520) 609-9109

**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**EXTERIOR ELEVATIONS**

| REV. | DESCRIPTION | DATE |
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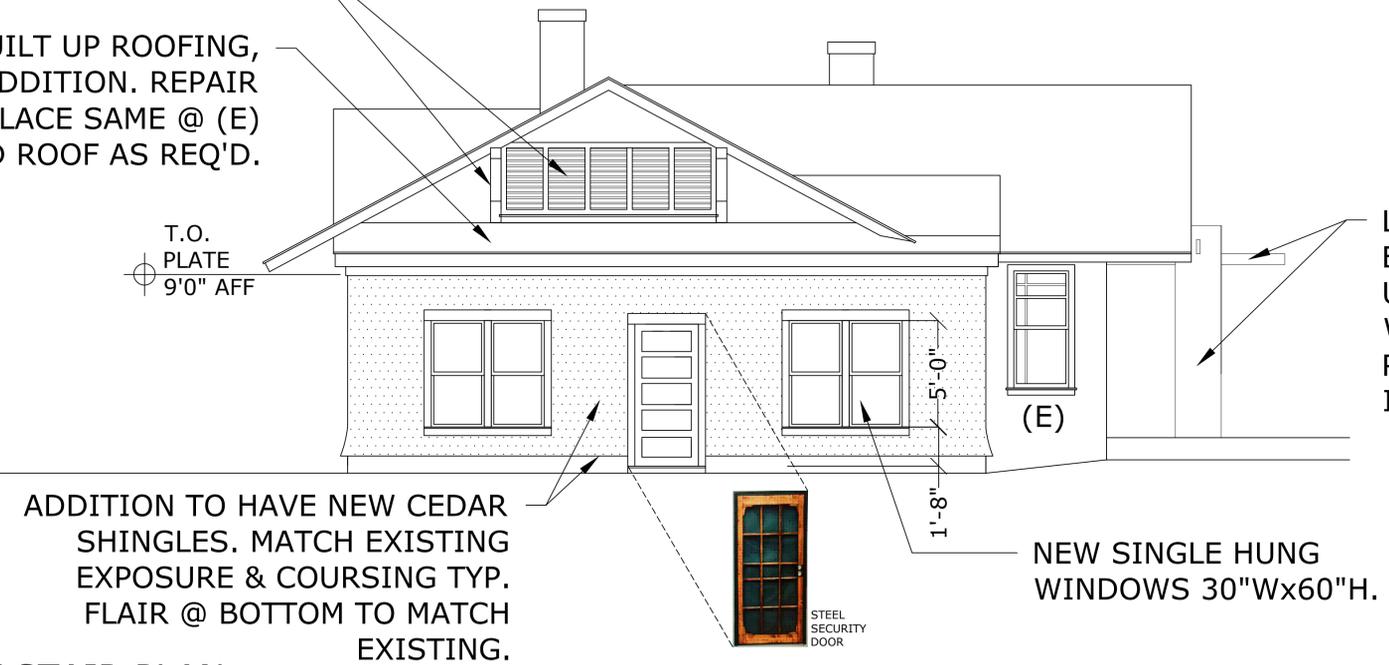
**A6.0**  
12/8/2021



**1 NORTH ELEVATION**  
SCALE: 1"=1'-0"

**GENERAL NOTES:**  
 1. (E) CEDAR SHINGLES TO BE CLEANED & STAINED, REPLACE IN KIND WHERE DAMAGED BEYOND REPAIR.  
 2. WINDOW & DOOR CASINGS and ALL TRIM WORK TO BE REPAIRED AS NEEDED & PAINTED. REPLACE IN KIND WHERE DAMAGED BEYOND REPAIR.  
 3. REPOINT STONE FOUNDATION AS NEEDED, USE A HIGHER LIME CONTENT MORTAR - DO NOT USE CEMENT.

(E) WOOD VENT AND BRACKET DETAILING.  
 NEW BUILT UP ROOFING, AT ADDITION. REPAIR or REPLACE SAME @ (E) SHED ROOF AS REQ'D.



**2 BASEMENT STAIR PLAN**  
SCALE: 1"=1'-0"

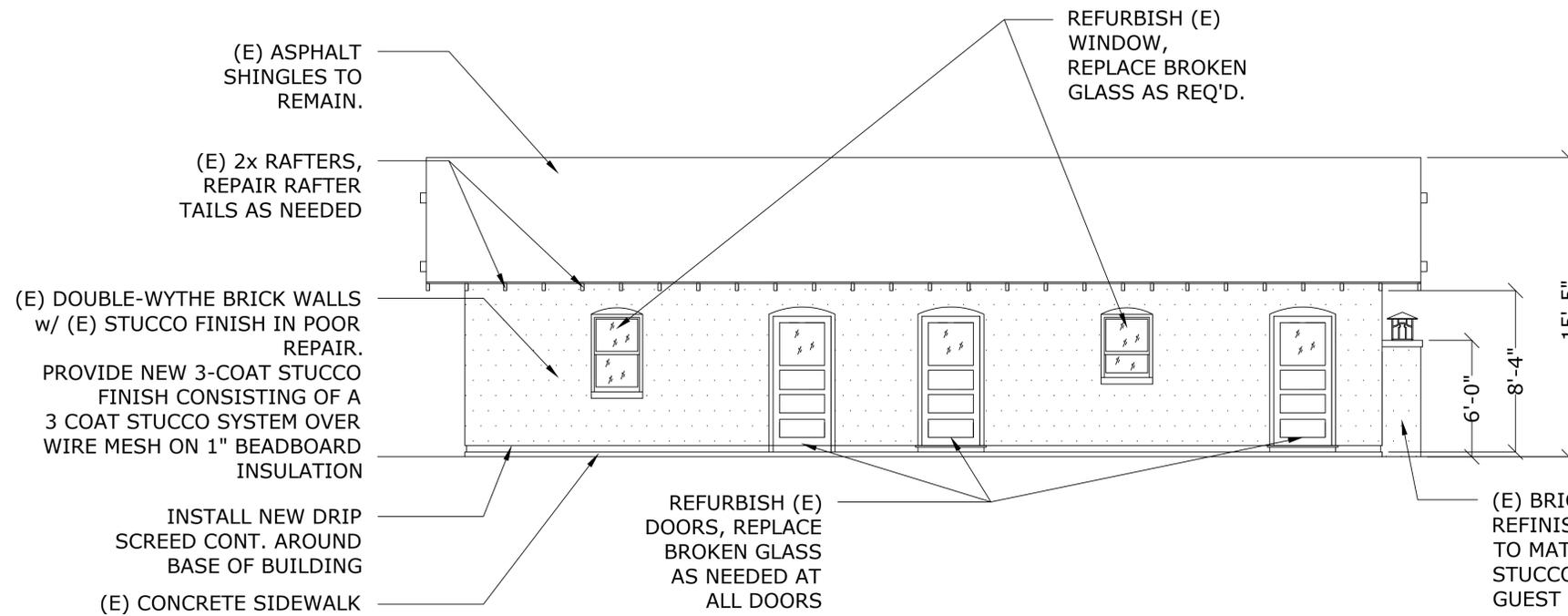
**Matt Conley**  
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 2020 North Heatherbrae  
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**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
 903 N 5th AVENUE - TUCSON, AZ 85705  
**EXTERIOR ELEVATIONS**

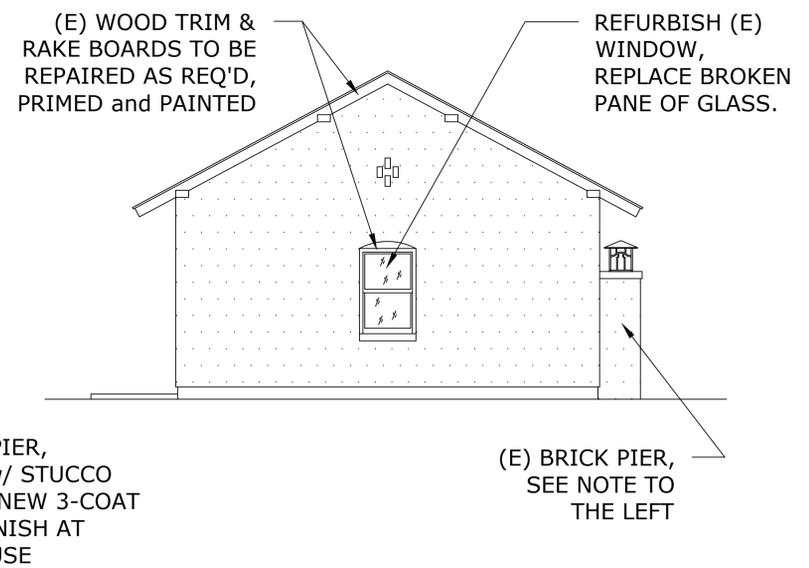
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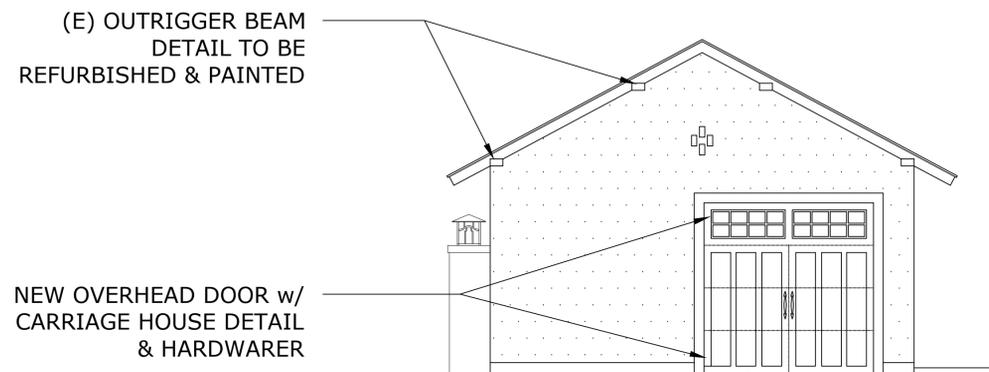
**A6.1**  
 12/8/2021



**1** GUEST HOUSE / GARAGE EAST ELEVATION  
SCALE: 1"=1'-0"



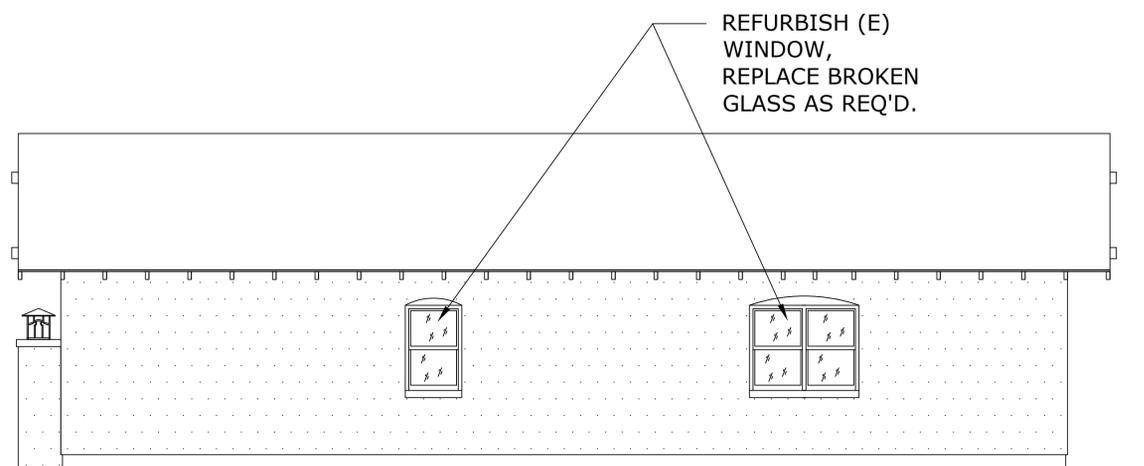
**2** GUEST HOUSE / GARAGE NORTH ELEVATION  
SCALE: 1"=1'-0"



**3** GUEST HOUSE / GARAGE SOUTH ELEVATION  
SCALE: 1"=1'-0"



GARAGE DOOR TYPE  
'COACHMAN COLLECTION'  
Model No. CXU13\_SW\_SQ24  
8'-0" x 7'-0"  
18.4 R-Value  
White w/ SQ24 Window



**4** GUEST HOUSE / GARAGE WEST ELEVATION

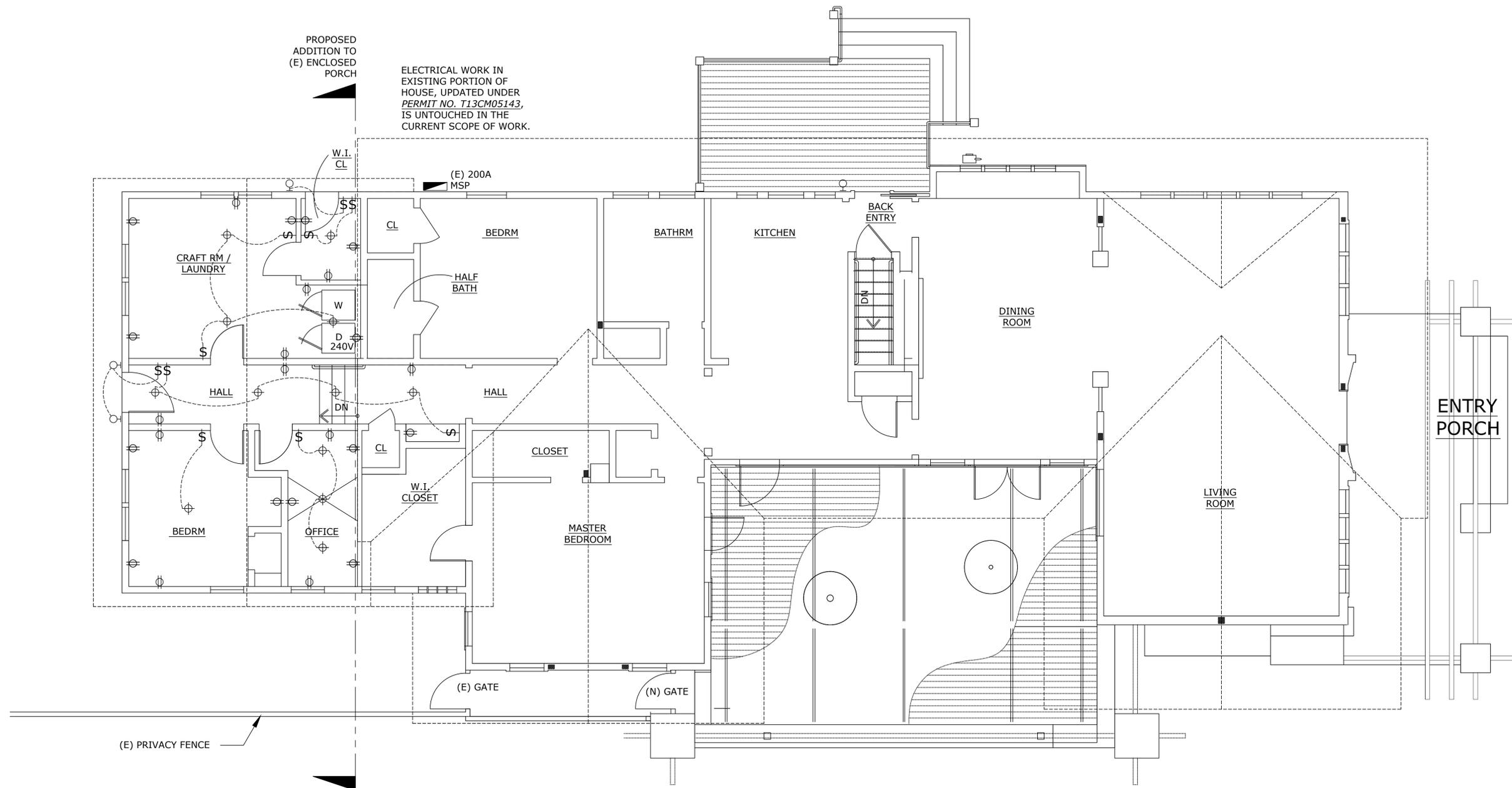
**Matt Conley**  
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2020 North Heatherbrae  
Circle  
TUCSON, AZ 85715  
(520) 609-9109

**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**GUEST HOUSE / GARAGE ELEVATIONS**

| REV. | DESCRIPTION | DATE |
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**A6.2**  
12/8/2021



**1 ADDITION ELECTRICAL PLAN**  
SCALE: 1/4"=1'-0"



| PANELBOARD SCHEDULE      |                 |         |                    |         |                  |                                |
|--------------------------|-----------------|---------|--------------------|---------|------------------|--------------------------------|
| PANELBOARD: MAIN         |                 |         | BUS                |         | VOLTAGE: 120/240 |                                |
| TYPE: NEMA 3R            |                 |         | MOUNTING: SURFACE  |         | 1 PH. 3 WIRE     |                                |
|                          |                 |         | MAIN BREAKER: 200A |         | 10 KA MIN AC     |                                |
| CIRCUIT DESCRIPTION      | CIRCUIT BREAKER | CKT NO. | BRANCH CIRCUITS    |         | CIRCUIT BREAKER  | CIRCUIT DESCRIPTION            |
|                          |                 |         | KVA / PHASE        | CKT NO. |                  |                                |
|                          |                 |         | A                  | B       |                  |                                |
| South Living Rm          | 20A 1p          | 1       |                    | 2       | 20A 1p           | Basement Rec / Lts             |
| North Living Rm          | 20A 1p          | 3       |                    | 4       | 15A 1p           | Master WIC/Xtra Kitch Circuits |
| Master Bdrm/WIC/2nd Bdrm | 15A 1p          | 5       |                    | 6       | 20A 1p           | Lts                            |
| Smoke Alarms             | 15A 1p          | 7       |                    | 8       | 20A 1p           | Washer                         |
| Kitchen / Hall Lts       | 20A 1p          | 9       |                    | 10      | 20A 1p           | Master WIC / Porch             |
| Kitchen                  | 20A 1p          | 11      |                    | 12      | 20A 1p           | Porch                          |
| Master Bdrm Floor Rec    | 20A 1p          | 13      |                    | 14      | xxA 1p           | SPACE                          |
| 2nd Bdrm Floor Rec       | 20A 1p          | 15      |                    | 16      | xxA 1p           | SPACE                          |
| Garage Subpanel          | 100A 2p         | 17      |                    | 18      | 20A 1p           | Rec                            |
|                          |                 | 19      |                    | 20      | xxA 1p           | SPACE                          |
| SPACE                    | xxA 1p          | 21      |                    | 22      | xxA 1p           | SPACE                          |
| SPACE                    | xxA 1p          | 23      |                    | 24      | xxA 1p           | SPACE                          |
| SPACE                    | xxA 1p          | 25      |                    | 26      | xxA 1p           | SPACE                          |
| SPACE                    | xxA 1p          | 27      |                    | 28      | xxA 1p           | SPACE                          |
| SPACE                    | xxA 1p          | 29      |                    | 30      | xxA 1p           | SPACE                          |

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**PONGRATZ RESIDENCE**  
**RENOVATION & ADDITION**  
903 N 5th AVENUE - TUCSON, AZ 85705  
**ELECTRICAL PLAN**

| REV. | DESCRIPTION | DATE |
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ISSUED FOR: PERMIT

**E1.0**  
12/8/2021

GENERAL STRUCTURAL NOTES:

GENERAL

1. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE 2018 IBC, AS ADOPTED BY CITY OF TUCSON.
2. THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE STRUCTURAL ENGINEERS IN THIS OR SIMILAR LOCALITIES. THEY NECESSARILY ASSUME THAT THE WORK WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR WITH A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND INDUSTRY ACCEPTED STANDARDS. AS NOT EVERY CONDITION OR ELEMENT CAN BE EXPLICITLY SHOWN ON THESE DRAWINGS, IT IS UNDERSTOOD THAT THE CONTRACTOR WILL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR ALL MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND COORDINATE SITE CONDITIONS WITH THE DRAWINGS PRIOR TO START OF CONSTRUCTION. RESOLVE ANY DISCREPANCIES WITH THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING.
4. THE DRAWINGS AND NOTES REPRESENT THE FINISHED STRUCTURE. UNLESS SPECIFICALLY STATED, THEY DO NOT REPRESENT THE MEANS, METHOD, OR SEQUENCE OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION, SUCH AS BRACING, SHORING OF LOADS DUE TO CONSTRUCTION, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SCAFFOLDING, SHORING AND BRACING. SITE VISITS BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS. THE STRUCTURAL ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION SITE SAFETY, OR THE CONTRACTORS SAFETY PROGRAM.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH THE LOCAL BUILDING DEPARTMENT.
6. OPTIONS ARE FOR CONTRACTORS CONVENIENCE. IF AN OPTION IS USED THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CHANGES AND SHALL COORDINATE ALL DETAILS WITH ALL TRADES.
7. WHERE ANY DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, STRUCTURAL NOTES, AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN. WHERE NO SPECIFIC DETAIL IS SHOWN, THE WORK SHALL CONFORM TO SIMILAR WORK ON THE PROJECT.
8. ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL WITH APPROPRIATE TRADES, DRAWINGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.
9. WHERE REFERENCE IS MADE TO TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM.
10. ALL INSPECTIONS REQUIRED BY THE BUILDING CODES, LOCAL BUILDING DEPARTMENTS OR BY THESE DRAWINGS SHALL BE PROVIDED BY THE LOCAL BUILDING DEPARTMENT, OR AN INDEPENDENT INSPECTION COMPANY UNDER THE SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARIZONA. SITE VISITS BY THE STRUCTURAL ENGINEER DO NOT CONSTITUTE AN INSPECTION UNLESS SPECIFICALLY CONTRACTED FOR.

LOADS

ROOF DEAD LOAD = 12 PSF  
 CEILING DEAD LOAD = 12 PSF  
 FLOOR DEAD LOAD = 15 PSF  
 FRAME WALL DEAD LOAD = 12 PSF  
 ROOF LIVE LOAD = 20 PSF (REDUCIBLE)  
 CEILING LIVE LOAD = 10 PSF  
 FLOOR LIVE LOAD = 40 PSF  
 WIND LOAD = 110 MPH @ EXP. B  
 SEISMIC DESIGN CATEGORY B, Sds= .303, Sd1= .130, SITE CLASS D

FOUNDATIONS

1. FOUNDATION DESIGN BASED ON 2018 IBC ALLOWABLE SOIL BEARING PRESSURE OF 1,500 PSF @ 12" BELOW NATURAL GRADE , AS PERMITTED BY THE BUILDING OFFICIAL IN THE ABSENCE OF A SOILS REPORT.
2. ALL FOOTINGS ARE TO BEAR ON FIRM UNDISTURBED SOIL OR ENGINEERED FILL TO THE DEPTHS SHOWN ON THE DRAWINGS. MINIMUM BEARING DEPTH IS 18" BELOW ADJACENT GRADE. GRADE IS DEFINED AS THE TOP OF THE SLAB FOR INTERIOR FOOTINGS AND LOWEST ADJACENT COMPACTED SUBGRADE OR NATURAL GRADE WITHIN 5 FEET OF THE BUILDING FOR PERIMETER FOOTINGS.

CAST-IN-PLACE CONCRETE

1. CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". CONCRETE MIXING PLACEMENT AND QUALITY SHALL BE PER IBC SECTION 1905 AND ASTM C94 AND ASTM C685.
2. CONCRETE SHALL BE READY MIXED CONCRETE IN ACCORDANCE WITH ASTM C94. MINIMUM 28 DAY COMPRESSIVE STRENGTH FOR FOOTINGS, PIERS, STEM WALLS, AND ICF WALLS SHALL BE 3,000 PSI (DESIGNED FOR 2,500). COMPRESSIVE STRENGTH FOR NON-POST TENSIONED SLABS ON GRADE, CURBS AND SIDEWALKS SHALL BE 2,500 PSI.
3. CEMENT SHALL CONFORM TO ASTM C150, TYPE V FOR CONCRETE THAT WILL BE IN CONTACT WITH SOIL, AND TYPE 2 OTHERWISE. AGGREGATE PER ASTM C33, MAXIMUM SIZE 3/4". MAXIMUM 3" SLUMP FOR SLABS ON GRADE, AND 4" FOR ALL OTHER CONCRETE. CONCRETE CONTAINING SUPERPLASTISIZING ADMIXTURE SHALL HAVE A FIELD VERIFIED 3" MAXIMUM SLUMP PRIOR TO ADDING THE ADMIXTURE, AND 8" MAXIMUM SLUMP AT PLACEMENT. SEE ICF SECTION FOR CONCRETE GROUT SPECIFICATION FOR ICF WALLS.
4. CONCRETE SHALL BE FREE OF CHLORIDE. NO FLY ASH ADDITIVES SHALL BE USED IN THE CONCRETE WHEN USED IN FLATWORK OR ARCHITECTURALLY EXPOSED CONCRETE. WHEN USED, FLY ASH SHALL CONFORM TO ASTM C618, CLASS F. FLY ASH SHALL NOT REPLACE MORE THAN 15% OF CEMENT BY WEIGHT.

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**RENOVATION & ADDITION**  
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**STRUCTURAL NOTES\_1**



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5. CONCRETE SHALL NOT BE DROPPED MORE THAN FIVE FEET WITHOUT THE USE OF TREMIES.
6. CONCRETE FOOTINGS AND PADS MAY BE PLACED AGAINST NEAT EXCAVATIONS, PROVIDED THE REQUIRED CONCRETE COVERAGE FOR REINFORCING IS MAINTAINED.
7. MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT THAT SLABS ON GRADE NEED BE VIBRATED ONLY AROUND UNDERFLOOR DUCTS, ETC.
8. CONCRETE WHICH HAS CONTAINED WATER FOR MORE THAN 90 MINUTES (60 MINUTES IF THE AIR TEMPERATURE EXCEEDS 85 DEGREES) SHALL NOT BE USED. RE-TEMPERING OF CONCRETE AFTER INITIAL SET IS NOT PERMITTED.
9. CURE EXPOSED CONCRETE FOR A MINIMUM OF 7 DAYS IN ACCORDANCE WITH ACI 301 PROCEDURES IN ORDER TO REDUCE CRACKING. CURE WITH CURING AND SEALING COMPOUND, MOIST CURING, MOISTURE-RETAINING COVER CURING, OR COMBINATIONS THEREOF.

REINFORCING STEEL

1. MILD REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 (FY=60 KSI) DEFORMED BARS FOR ALL BARS #5 AND LARGER, AND GRADE 40 (FY=40 KSI) FOR ALL BARS #4 OR SMALLER. NO WELDING OF REINFORCING BARS IS ALLOWED. ALL REINFORCING BARS SHALL BE BENT COLD.
2. ALL REINFORCING SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 318 AND CRSI "MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION", AND AS MODIFIED BY THE DRAWINGS.
3. ALL REINFORCING STEEL SHALL BE ACCURATELY PLACED AND SUPPORTED BY GALVANIZED METAL CHAIRS, SPACERS OR HANGERS. PROVIDE THE FOLLOWING MINIMUM CONCRETE COVER: CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH = 3", EXPOSED TO EARTH OR WEATHER = 1 1/2"

Post-Installed Anchors

4. CONCRETE SHALL BE FREE OF CHLORIDE. NO FLY ASH ADDITIVES SHALL BE USED IN THE CONCRETE WHEN USED IN FLATWORK OR ARCHITECTURALLY EXPOSED CONCRETE. WHEN USED, FLY ASH SHALL CONFORM TO ASTM C618, CLASS F. FLY ASH SHALL NOT REPLACE MORE THAN 15% OF CEMENT BY WEIGHT.
5. EPOXY USED IN CONCRETE OR CONCRETE MASONRY SHALL BE SIMPSON SET-XP, OR HILTIHY-150. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION.
6. USE OF EPOXY FOR ANCHORING SHALL BE ONLY WHERE SHOWN ON THE DRAWINGS, OR AS DIRECTED BY ENGINEER OF RECORD.

FRAMING:

1. WOOD FRAMING SHALL CONFORM THE 2018 IBC, CHAPTER 23.
2. FRAMING LUMBER SHALL COMPLY WITH THE 2016 EDITION OF THE NATIONAL DESIGN SPECIFICATION. ALL SAWN LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED GRADING AGENCY CERTIFIED BY THE AMERICAN LUMBER STANDARDS COMMITTEE. MAXIMUM MOISTURE CONTENT SHALL NOT EXCEED 19%.
  - JOISTS:
    - 2 X 6 OR LARGER ----- D. F. #2
  - BEAMS, LEDGERS AND TOP PLATES:
    - WIDTH 4" OR LESS ----- D. F. #2
    - WIDTH GREATER THAN 4" ----D. F. #1
  - STUDS, PLATES AND BLOCKING:
    - 2 X 4 -----D. F. STUD
    - 2 X 6 OR LARGER ----- D. F. #2
  - POSTS:
    - 4 X OR LESS ----- D. F. #2
    - 6 X OR LARGER ----- D. F. #1
3. GLUED-LAMINATED BEAMS SHALL CONFORM TO LATEST AITC AND WCLA STANDARDS AND SHALL BE 24F- V4. BEAMS 12" AND LARGER SHALL BE CAMBERED BASED ON R= 3,500', EXCEPT FOR MULTI-SPAN BEAMS, CANTILEVERED BEAMS, OR AS NOTED ON DRAWINGS. ALL OTER BEAMS SHALL HAVE CAMBER = 0.
4. SOLE PLATES RESTING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED OR FOUNDATION GRADE REDWOOD. ANCHOR BOLTS SHALL BE 1/2" DIAMETER AND SHALL BE PLACED WITHIN 8" OF ALL OPENINGS OR WALL ENDS AND 32" BETWEEN.

5. DO NOT NOTCH, DRILL OR SPLICE JOISTS, BEAMS OR OTHER LOAD BEARING MEMBERS WITHOUT THE APPROVAL OF THE ENGINEER.
6. ALL NAILING SHALL BE PER IRC TABLE 2304.9.1 UNLESS NOTED. ROOF SHEATHING SHALL BE NAILED WITH 8 D NAILS AT 6" O/C AT ALL PANEL EDGES AND 12" O/C AT INTERMEDIATE SUPPORTS. DESIGN IS BASED ON A MINIMUM DIAMETER OF 0.135 INCHES FOR 16d NAILS AND 0.113 FOR 8d NAILS.

SPECIAL INSPECTION

1. IN ADDITION TO THE STANDARD INSPECTIONS BY THE BUILDING OFFICIAL REQUIRED BY THE IBC, THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS WHO SHALL PROVIDE INSPECTIONS DURING CONSTRUCTION FOR THE TYPES OF WORK LISTED IN THIS SECTION.
2. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE BUILDING OFFICIAL. THE SPECIAL INSPECTOR SHALL BE LISTED BY THE LOCAL BUILDING DEPARTMENT, AS APPROVED FOR PROVIDINGSPECIALINSPECTION FOR THE PARTICULAR TYPE OF CONSTRUCTION OROPERATION, OR SHALL WORK UNDER THE DIRECT SUPERVISION OF SUCH PERSON.
3. THE SPECIAL INSPECTOR SHALL INSPECT THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED CONTRACT DRAWINGS AND SPECIFICATIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE ENGINEER OF RECORD, AND OTHER DESIGNATED PERSONS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN IF UNCORRECTED, TO THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL.THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTORS KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND THE APPLICABLE CODE PREVISIONS.
4. SPECIAL INSPECTORS SHALL INSPECT USING AN APPROVED SET OF CONTRACT DRAWINGS. SHOP DRAWINGS MAY BE USED IN CONJUNCTION WITH THE CONTRACT DRAWINGS, BUT MAY NOT BE USED IN LIEU OF THE APPROVED CONTRACT DRAWINGS.

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1. TYPES OF WORK TO BE INSPECTED BY THE SPECIAL INSPECTOR ARE AS FOLLOWS:

- A. ALL EPOXY ANCHORING OPERATIONS FOR BOLTS, REINFORCING STEEL, THREADED RODS, ETC., INCLUDING VERIFICATION OF BOLT OR BAR MATERIALS, HOLE DEPTH AND DIAMETER, HOLE CLEANOUT, MIXING AND PLACEMENT PROCEDURES, AND EMBEDMENT DEPTH IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

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